

工作項目：01

單選題：

1. (4) 有關消音器之敘述，下列何者錯誤？①以消音為主要功能，亦稱減音器 ②利用觸媒使一氧化碳變成二氧化碳 ③利用離心力使廢氣中碳粒分離 ④氣溫較低時，淨化效果更佳。
Which of the following is wrong in the description of the silencer? ①take noise reduction as the main function, also known as silencer ②use catalysts to turn carbon monoxide into carbon dioxide ③use centrifugal force to separate carbon particles in exhaust gas ④when the temperature is lower, the purification effect is better.
2. (1) 下列何者不屬於引擎不完全燃燒而產生之產物？①二氧化碳 ②一氧化碳 ③碳化氫 ④黑煙。
Which of the following is not a product of incomplete combustion in an engine? ①carbon dioxide ②carbon monoxide ③hydrocarbons ④black smoke.
3. (4) 戶外用堆高機之車輪盡量使用 ①標準實心輪胎 ②實心軟胎 ③特殊輪胎 ④充氣式輪胎。
What kind of tires should be used for the wheels of outdoor stackers as much as possible? ①standard solid tires ②solid soft tires ③special tires ④pneumatic tires.
4. (2) 電瓶內的電瓶液含有 ①硝酸 ②稀硫酸 ③稀鹽酸 ④濃鹽酸。
What does the battery fluid in the battery contain? ①nitric acid ②dilute sulfuric acid ③dilute hydrochloric acid ④concentrated hydrochloric acid.
5. (3) 完全充電之電瓶在溫帶地區溫度 20°C 時，電瓶液比重是 ①1.180 ②1.220 ③1.260 ④1.300。
What is the specific gravity of the battery liquid when the temperature of a fully charged battery is 20°C in a temperate zone? ①1.180 ②1.220 ③1.260 ④1.300.
6. (4) 補充電瓶液必須使用 ①自來水 ②純水 ③地下水 ④蒸餾水。
What kind of water must be used to replenish the battery fluid? ①running water ②pure water ③ground water ④distilled water.
7. (2) 下列何種情形對電瓶損壞最嚴重 ①充電不足 ②過度充電 ③電瓶液不足 ④電瓶液比重不均勻。
Which of the following is most damaging to the battery? ①undercharging ②overcharging ③insufficient battery fluid ④uneven specific gravity of battery fluid.
8. (3) 一般汽油引擎為 ①二行程 ②三行程 ③四行程 ④五行程。
What is the stroke of a general gasoline engine? ①two-stroke engine ②three-stroke engine ③four-stroke engine ④five-stroke engine.
9. (2) 四行程引擎完成一個工作循環時曲軸須轉 ①一圈 ②二圈 ③三圈 ④四圈。
How many revolutions must the crankshaft make when a four-stroke engine completes a working cycle? ①1 turn ②2 turns ③3 turns ④4 turns.
10. (4) 空氣濾清器阻塞時會使 ①混合氣變稀 ②化油器真空減少 ③機油黏度增加 ④混合氣變濃。
What happens when the air filter is clogged? ①the gas mixture becomes thinner ②reduced carburetor vacuum ③increased oil viscosity ④the gas mixture becomes thicker.
11. (2) 堆高機前端之貨叉，其所以能自由升降前傾或後傾主要是利用 ①水壓 ②油壓 ③氣壓 ④動壓。
What is the main use of the shuttle at the front end of the stacker so that it can freely lift and tilt forward or backward? ①hydraulic pressure ②oil pressure ③air pressure ④dynamic pressure.
12. (1) 四行程引擎的四個行程依序是指 ①進氣、壓縮、動力、排氣 ②動力、進氣、壓縮、排氣 ③動力、壓縮、排氣、進氣 ④進氣、壓縮、排氣、動力。
What does the four strokes of a four-stroke engine refer to in sequence? ①intake, compression, power, exhaust ②power, intake, compression, exhaust ③power, compression, exhaust, intake ④intake, compression, exhaust, power.
13. (3) 柴油引擎是靠何種方式產生動力行程 ①火星塞 ②高壓線圈 ③壓縮空氣 ④化油器。
How does a diesel engine generate a power stroke? ①spark plug ②high-tension coil ③compressed air ④carburetor.

14. (1) 能接合與分離引擎動力傳遞的機構是 ①離合器 ②煞車 ③傳動軸 ④引擎飛輪。
What is the mechanism that engages and disengages the engine power transmission? ①clutch ②brake ③transmission shaft ④engine flywheel.
15. (3) 驅動電動式堆高機行走的機構是 ①變速箱 ②扭力變換器 ③行走馬達 ④差速器。
What is the mechanism that drives the electric stacker to travel? ①gearbox ②torque converter ③traveling motor ④differential .
16. (1) 機油號數越大代表機油的黏滯性 ①越強 ②越弱 ③不變 ④不一定。
What does a higher engine oil grade number indicate about the viscosity? ①stronger viscosity ②weaker viscosity ③unchanged ④not necessarily.
17. (1) 配重平衡式堆高機係 ①前輪驅動後輪控制方向 ②前輪驅動前輪控制方向 ③後輪驅動後輪控制方向 ④後輪驅動前輪控制方向。
How does the counterbalance lift truck operate the front and rear wheels? ①the front wheels drive the rear wheels to control the direction ②the front wheels drive the front wheels to control the direction ③the rear wheels drive the rear wheels to control the direction ④the rear wheels drive the front wheels to control the direction.
18. (3) 桅桿伸縮型堆高機係 ①前輪驅動後輪控制方向 ②前輪驅動前輪控制方向 ③後輪驅動後輪控制方向 ④後輪驅動前輪控制方向。
How does a telescopic mast forklift operate? ①front wheels drive and rear wheels control direction ②front wheels drive and front wheels control direction ③rear wheels drive and rear wheels control direction ④rear wheels drive and front wheels control direction.
19. (3) 堆高機配重係裝置於車身 ①前部 ②中部 ③後部 ④下部。
Where is the counterweight of a forklift located on the vehicle body? ①front part ②middle part ③rear part ④lower part.
20. (4) 下列何者不是堆高機動力源燃料 ①汽油 ②柴油 ③液化石油氣 ④煤油。
Which of the following is not the power source fuel for the stacker? ①gasoline ②diesel fuel ③liquefied petroleum gas ④kerosene.
21. (4) 具有排氣噪音危害最小之堆高機動力源為 ①柴油 ②汽油 ③液化石油氣 ④電氣。
What is the power source of the stacker with the smallest exhaust noise hazard? ①diesel fuel ②gasoline ③liquefied petroleum gas ④electric.
22. (2) 下列那種引擎係利用空氣壓縮點火產生動力 ①汽油式 ②柴油式 ③液化石油氣式 ④電力式。
Which of the following engines uses air compression ignition to generate power? ①gasoline ②diesel fuel ③liquefied petroleum gas ④electric.
23. (1) 引擎冷卻系中加裝壓力式水箱蓋，其作用是 ①提高水的沸點 ②降低水的沸點 ③沈澱水的雜質 ④增加水箱的容量。
What is the function of installing a pressure water tank cover in the engine cooling system? ①increase the boiling point of water ②lower the boiling point of water ③precipitate the impurities of water ④increase the capacity of the water tank.
24. (1) 柴油引擎燃料與空氣混合是在 ①汽缸內 ②汽缸外 ③進氣歧管內 ④進氣歧管外。
Where is the diesel engine fuel mixed with air? ①in the cylinder ②outside the cylinder ③in the intake manifold ④outside the intake manifold.
25. (3) 引擎冷卻系中之節溫器開啟是靠 ①水泵壓力 ②汽缸真空 ③冷卻水溫度 ④引擎轉速。
The thermostat in the engine cooling system is turned on by: ①water-pump pressure ②cylinder vacuum ③cooling water temperature ④the rotational speed of the engine.
26. (2) 柴油引擎在進氣行程所吸入汽缸內的是 ①柴油與空氣之混合氣 ②空氣 ③柴油 ④廢氣。
What is sucked into the cylinder of the diesel engine during the intake stroke? ①gas mixture of diesel fuel and air ②air ③diesel fuel ④exhaust gas.
27. (1) 汽油引擎在進氣行程所吸入汽缸內的是 ①汽油與空氣之混合氣 ②純空氣 ③汽油 ④廢氣。
What is drawn into the cylinder during the intake stroke of a gasoline engine? ①a mixture of gasoline and air ②pure air ③gasoline ④exhaust gases.

28. (3) 檢查變速箱之油面，車輛應停放在 ①上坡 ②下坡 ③平坦路面 ④崎嶇路面。

Where should the vehicle be parked when checking the oil level of the gearbox? ①uphill ②downhill ③flat road ④rugged road.

29. (3) 變速箱齒輪的功用為 ①降低扭力 ②提高轉速 ③改變扭力、轉速及方向 ④減少摩擦力。

What is the function of the gearbox gear? ①decrease torque ②increase the rotational speed ③change torque, rotational speed, and direction ④decrease friction.

30. (1) 離合器片磨損時，離合器踏板自由行程間隙 ①變小 ②變大 ③不變 ④無關。

What happens to the free stroke clearance of the clutch pedal when the clutch plate is worn? ①get smaller ②get bigger ③unchanged ④irrelevant.

31. (2) 差速器作用時，內側輪與外側輪轉速之比較 ①內側輪比外側輪快 ②外側輪比內側輪快 ③內外側輪轉速相同 ④視型式而定。

When the differential is active, how does the rotational speed of the inner wheel compare with that of the outer wheel? ①the inner wheel is faster than the outer wheel ②the outer wheel is faster than the inner wheel ③the inner and outer wheels rotate at the same speed ④depends on the type.

32. (4) 電瓶之電瓶液經常不夠，其可能原因為 ①電瓶損壞 ②發電機損壞 ③充電不足 ④過度充電。

The battery fluid in the battery is often insufficient. What is the possible reason? ①the battery is damaged ②the generator is damaged ③insufficient charging ④overcharging.

33. (1) 軸中心懸掛車架可以作上下擺動之輪軸為 ①軸向輪軸 ②前右輪軸 ③前左輪軸 ④前驅動輪軸。

What is the axle that the axle center suspension frame can swing up and down? ①axial axle ②front right axle ③front left axle ④front drive axle.

34. (3) 每部堆高機都應具備有 ①保養申請書 ②送修申請書 ③每日檢查紀錄表 ④檢查合格證。

What should every stacker have? ①application form for maintenance ②application form for repair ③daily inspection record sheet ④inspection certificate.

35. (2) 堆高機的實心胎分類中，下列何者不屬於實心胎 ①標準硬胎 ②高速胎 ③減震硬胎 ④防爆胎。

Which of the following does not belong to solid tires in the classification of solid tires for stackers? ①standard hard tire ②high-speed tire ③shock-absorbing hard tire ④explosion-proof tire.

36. (3) 正確檢查堆高機的胎壓應 ①用目視 ②利用身體壓車身並檢視輪胎壓扁情形 ③使用胎壓計 ④裝載貨物並檢視輪胎壓扁情形。

How to check the tire pressure of the stacker correctly? ①visually ②use your body to press the stacker and check for tire flattening ③use a tire pressure gauge ④load the cargo and check for tire flattening.

37. (3) 兩個正常 12V 的電瓶並聯後，其總電壓應該是 ①0V ②1V ③12V ④24V。

What is the total voltage of two normal 12V batteries connected in parallel? ①0V ②1V ③12V ④24V.

38. (3) 兩個正常 12V 45A 的電瓶串聯後，其總電流應該是 ①12A ②24A ③45A ④90A。

The total current after two normal 12V 45A batteries are connected in series should be ①12 A ②24 A ③45 A ④90 A.

39. (2) 堆高機的前軸為了轉變內、外側輪胎轉速的差異，裝設有 ①減速裝置 ②差動齒輪裝置(差速箱) ③萬能接頭 ④加速裝置。

What is installed on the front axle of a forklift to accommodate the difference in rotation speeds of the inner and outer tires? ①speed reduction device ②differential gear device (differential) ③universal joint ④acceleration device.

40. (3) 將煞車踏板放鬆時，煞車器發生功效是 ①油壓式腳踩煞車 ②配重平衡式堆高機煞車裝置 ③桅桿伸縮型堆高機煞車裝置 ④動力托板車煞車裝置。

What makes the brakes work when the brake pedal is released? ①hydraulic foot brake ②brake device for counterbalance lift truck ③brake device for reach lift truck ④brake device for low lift pallet truck.

41. (4) 下列何者屬於堆高機操縱裝置 ①離合器 ②啟動器 ③輪胎 ④轉向方向盤。
Which of the following is a stacker control device? ①clutch ②starter ③tires ④diversion steering wheel.
42. (2) 下列何者屬於堆高機制動裝置 ①操作桿 ②煞車桿 ③變速箱 ④電瓶。
Which of the following is a stacker brake device? ①operating rod ②brake lever ③gearbox ④battery.
43. (3) 下列何者屬於堆高機行駛裝置 ①支架 ②煞車踏板 ③車輪 ④扭力變換器。
Which of the following belongs to the stacker driving device? ①bracket ②brake pedal ③wheels ④torque converter.
44. (3) 下列何者屬於堆高機動力傳送裝置 ①啟動開關 ②鋼絲索 ③差速器 ④充電裝置。
Which of the following is a power transmission device for a stacker? ①start switch ②wire rope ③differential ④charging device.
45. (1) 下列何者屬於堆高機電氣裝置 ①點火裝置 ②扭力變換器 ③輪緣側環 ④中心煞車。
Which of the following is the electric device of the stacker? ①ignition device ②torque converter ③side ring of rim ④center brake.
46. (2) 使用柴油引擎為動力的堆高機，其加速性能與扭力關係是 ①加速快，扭力小 ②加速慢，扭力大 ③加速快，扭力大 ④加速慢，扭力小。
What is the relationship between acceleration performance and torque of a stacker powered by a diesel engine? ①fast acceleration and low torque ②slow acceleration and high torque ③fast acceleration and high torque ④slow acceleration and low torque.
47. (2) 測量輪胎胎壓所用的壓力單位是 ①cmHg ②kg/cm² ③inHg ④atm。
What is the pressure unit used to measure tire pressure? ①cmHg ②kg/cm² ③inHg ④atm.
48. (2) 使用液化石油氣為動力的堆高機更換儲氣桶，正確方法是 ①將氣閥關閉後，即可更換儲氣桶 ②將儲氣桶(tank)上氣閥(valve)關閉，等引擎自動停止運轉後，確認儲氣瓶至引擎間輸氣管已無餘氣，關閉引擎開關，再行更換儲氣桶 ③引擎熄火後，將氣閥關閉後，即可更換儲氣桶 ④無標準更換方法，視當時狀況而定。
What is the correct way to replace the gas storage tank with a stacker powered by liquefied petroleum gas? ①after closing the gas valve, the gas storage tank can be replaced ②turn off the valve on the gas storage tank and wait for the engine to stop automatically, confirm that there is no remaining gas in the gas pipe between the air reservoir and the engine, turn off the engine switch, and then replace the tank ③after the engine is turned off, close the valve, and the gas storage tank can be replaced ④there is no standard replacement method, depending on the current situation.
49. (2) 當堆高機桅桿的二條升降鏈條張力調整不同時，會造成 ①二支貨叉水平面不同 ②桅桿彎曲 ③引擎馬力減少 ④引擎耗油。
What happens when the tension of the two lifting chains of the stacker mast is adjusted differently? ①the two shuttles have different levels ②the mast is bent ③the engine horsepower is reduced ④the engine is fuel-inefficient.
50. (3) 堆高機升降鏈條張力檢查，正確方式是 ①將貨叉放置地面處，用手指壓鏈條中段部位，檢視二條鏈條的鬆緊程度 ②將貨叉升至最高處，用手指壓鏈條中段部位，檢視二條鏈條的鬆緊程度 ③將貨叉升高離地約 15 公分處，用手指壓鏈條中段部位，檢視二條鏈條的鬆緊程度 ④無標準方法，視當時狀況而定。
What is the correct way to check the tension of the lifting chain for a stacker? ①place the shuttle on the ground, press the middle part of the chain with your fingers, and check the tightness of the two chains ②raise the shuttle to the highest point, press the middle part of the chain with your fingers, and check the tightness of the two chains ③raise the shuttle about 15 cm above the ground, press the middle part of the chain with your fingers, and check the tightness of the two chains ④there is no standard method, depending on the current situation.
51. (4) 下列何者不是堆高機定期自動檢查基準所載檢查電氣裝置之項目 ①充電裝置 ②蓄電池 ③配線 ④分電盤。
Which of the following is not an item of inspection of electrical installations contained in the

regular automatic inspection criteria for stackers? ①charging device ②storage battery ③wiring ④distributor.

52. (1) 柴油引擎不用檢查下列何種項目 ①化油器 ②燃油油箱 ③噴射泵 ④燃油濾清器。

Which of the following items do not need to be checked for diesel engines? ①carburetor ②fuel tank ③jet pump ④fuel filter.

53. (3) 下列何者不是堆高機自動檢查之行爲？ ①作業前檢點 ②重點檢查 ③調高油壓安全閥壓力值 ④檢查各處鎖栓是否鬆動。

Which of the following is not an automatic check by the stacker? ①pre-operation inspection ②key check ③turn up the pressure value of the oil pressure safety valve ④check whether the lock bolts are loose.

54. (4) 有關電動式堆高機之蓄電池充電之敘述，下列何者錯誤 ①充電初期充電電流大 ②蓄電池電壓上升，充電電流減少 ③充電進行中蓄電池會產生氣體 ④蓄電池溫度如無異常上升，充電可達 100 %。

Which of the following statements about battery charging for electric stackers is incorrect? ①the charging current is large at the initial stage of charging ②the battery voltage increases and the charging current decreases ③the battery will generate gas during charging ④if the battery temperature does not rise abnormally, the charge can reach 100%.

55. (2) 下列何者非屬電動式堆高機蓄電池要求之條件 ①耐震動、衝擊性強 ②電壓高 ③使用壽命長 ④維修容易。

Which of the following is not a requirement for electric stacker batteries? ①vibration-resistant and strong impact ②high voltage ③long service life ④easy maintenance.

56. (1) 蓄電池液位顯示部出現紅色浮標表示 ①液位正常 ②需補充水 ③液位過量 ④電壓不足。

What does a red float in the battery liquid level indicator indicate? ①normal liquid level ②need to replenish water ③excessive liquid level ④insufficient voltage.

57. (4) 由進氣、壓縮、動力、排氣等四個行程產生曲柄軸二回轉之引擎稱為 ①一行程引擎 ②二行程引擎 ③三行程引擎 ④四行程引擎。

What is the name of an engine that produces two rotations of the crankshaft from the four strokes of intake, compression, power, and exhaust? ①one-stroke engine ②two-stroke engine ③three-stroke engine ④four-stroke engine.

58. (3) 柴油引擎是將柴油以何種壓力噴射進入汽缸內燃燒爆發？ ①低壓 ②中壓 ③高壓 ④超高壓。

At what pressure does the diesel engine inject diesel into the cylinder for combustion and explosion? ①low pressure ②medium pressure ③high pressure ④ultra-high pressure.

59. (1) 引擎排氣中含有多種有害物質，其中那一種較容易引起中毒(缺氧) ①一氧化碳(CO) ②二氧化碳(CO₂) ③碳化氫(HC) ④氮氧化物(NO_x)。

Which one is most likely to cause poisoning (hypoxia) among the various harmful substances in engine exhaust? ①carbon monoxide (CO) ②carbon dioxide (CO₂) ③hydrocarbons (HC) ④nitrogen oxides (NO_x).

60. (2) 裝置扭力轉換器之堆高機，負荷如有變動時，扭力轉換器之轉換方式是 ①小扭力則低回轉，大扭力則高回轉 ②小扭力則高回轉，大扭力則低回轉 ③小扭力不變，大扭力則高回轉 ④大扭力不變，小扭力則低回轉。

What is the conversion method of the torque converter for stackers with torque converters if the load changes? ①the low torque causes low rotation while the high torque causes high rotation ②the low torque causes high rotation while the high torque causes low rotation ③the low torque remains unchanged while the high torque causes high rotation ④the high torque remains unchanged while the low torque causes low rotation.

61. (1) 前輪為驅動輪且裝有差速齒輪裝置的堆高機為何種型式？ ①配重平衡型堆高機 ②桅桿伸縮型堆高機 ③動力托板車 ④檢提型堆高機。

What type of stacker is the front wheel as the driving wheel equipped with a differential gear device? ①counterbalance lift truck ②reach lift truck ③low lift pallet truck ④turret lift truck.

62. (1) 對路面比較不良的地面作業，堆高機之車輪一般採用 ①充氣式輪胎 ②氣墊式輪胎 ③實心式輪胎 ④特殊輪胎。

For ground operations with poorer roads, what tires are generally used for the wheels of the stacker? ①pneumatic tires ②air-cushioned tires ③solid tires ④special tires.

63. (3) 為了減輕駕駛(方向)盤操作力，最大負荷一公噸以上之堆高機，其轉向倍力裝置通常採用何種方式 ①氣壓 ②水壓 ③油壓 ④電動。

In order to reduce the operating force of the driving (steering) wheel, what method is usually used for the steering power device of a stacker with a maximum load of more than one metric ton? ①air pressure ②water pressure ③oil pressure ④electric.

64. (2) 適於狹窄場所操作之堆高機為 ①配重平衡型堆高機 ②桅桿伸縮型堆高機 ③側舉型堆高機 ④跨舉型堆高機。

Which type of forklift is suitable for operation in narrow spaces? ①counterbalance forklift ②telescopic forklift ③side lift forklift ④straddle forklift.

65. (1) 下列何者不屬於油壓裝置液壓油必備之條件 ①抗震性 ②不易起泡 ③適宜粘度 ④防銹性。

Which of the following is not a necessary condition for hydraulic oil in hydraulic equipment? ①shock resistance ②not easy to foam ③suitable viscosity ④rust resistance.

66. (1) 液壓泵動作，若油箱之油量不足，空氣進入油泵而發生 ①噪音 ②振動 ③油壓管破裂 ④斷油。

The hydraulic pump is operating. What happens if the oil in the oil tank is insufficient and air enters the oil pump? ①noise ②vibration ③hydraulic pipe break ④fuel cut-off.

67. (4) 堆高機液壓系統採用 ①變速箱油 ②燃料油 ③齒輪油 ④液壓油。

What is used in the hydraulic system of the stacker? ①transmission oil ②fuel oil ③gear oil ④hydraulic oil.

68. (3) 堆高機冷卻水、電瓶液、液壓油之檢查由何者實施 ①保養場 ②雇主 ③操作者本身 ④管理員。

Who should check the cooling water, battery fluid, and hydraulic oil of the stacker? ①maintenance plants ②employers ③the operators themselves ④administrators.

69. (2) 汽油引擎壓縮比較柴油引擎為 ①高 ②低 ③一樣 ④不一定。

How does the compression ratio of a gasoline engine compare to that of a diesel engine? ①high ②low ③the same ④not necessarily.

70. (3) 配重平衡型堆高機的轉向機構是屬 ①全機械式 ②氣壓式 ③液壓式 ④氣液壓混合式。

What type of steering mechanism does the counterbalance lift truck belong to? ①fully mechanical ②pneumatic ③hydraulic ④pneumatic-hydraulic hybrid.

71. (2) 在同樣的壓力及流量下，液壓缸的活塞直徑較大者，其升降桿移動速度 ①較快 ②較慢 ③不變 ④無法比較。

Under the same pressure and flow, what is the moving speed of the lifting rod for the larger piston diameter of the hydraulic cylinder? ①faster ②slower ③unchanged ④incomparable.

72. (3) 液壓泵產生異聲時，通常與下列那一項原因無關 ①液壓油不夠 ②液壓泵本身故障 ③釋壓閥失效 ④進油管吸入空氣。

When the hydraulic pump produces abnormal noise, which of the following reasons is usually unrelated? ①the hydraulic oil is insufficient ②the hydraulic pump itself is malfunctioning ③the pressure relief valve fails ④the oil inlet pipe sucks in air.

73. (2) 液壓泵的進油管密封不良時 ①泵的出油量增加 ②泵的出油量減少 ③泵的出油量沒有影響 ④管路壓力增高。

What happens when the intake pipe of a hydraulic pump is not sealed properly? ①the pump's output increases ②the pump's output decreases ③the pump's output is unaffected ④the pipeline pressure increases.

74. (3) 液壓組件中，將液壓能轉換為往復直線運動的是 ①液壓馬達 ②液壓泵 ③液壓缸 ④工作閥。

What converts hydraulic energy into reciprocating linear motion in hydraulic components? ①hydraulic motor ②hydraulic pump ③hydraulic cylinder ④operating valve.

75. (2) 液壓動力轉向之油壓缸係推動轉向機構何種機件產生作動 ①畢特門(pitman)桿 ②直拉桿 ③橫拉桿 ④斜拉桿。

What kind of parts does the hydraulic cylinder of hydraulic power steering drive the steering mechanism to act? ①Pitman arm ②drag link ③drag rod ④diagonal draw bar.

76. (3) 引擎式堆高機的液壓泵是 ①由引擎的起動馬達帶動 ②由變速箱帶動 ③由引擎傳來的動力帶動 ④由傳動軸帶動。

What drives the hydraulic pump of an engine-type stacker? ①driven by the engine's starter motor ②driven by the gearbox ③driven by the power from the engine ④driven by the transmission shaft.

77. (1) 堆高機的升降叉架上升的速度與升降油壓缸活塞拉桿的速度之比值為 ①升降叉架比油壓缸活塞拉桿快一倍 ②升降叉架比油壓缸活塞拉桿快三倍 ③升降叉架比油壓缸活塞拉桿慢一倍 ④兩者速度相等。

What is the ratio of the rising speed of the lift fork of the stacker to the speed of the piston rod of the lifting hydraulic cylinder? ①the lift fork is twice as fast as the piston rod of the hydraulic cylinder ②the lift fork is three times faster than the piston rod of the hydraulic cylinder ③the lift fork is twice as slow as the piston rod of the hydraulic cylinder ④both speeds are equal.

78. (1) 堆高機之負荷變小時，液壓扭力變換器之渦輪與靜子為保持均衡作用，其轉速 ①變慢 ②不變 ③變快 ④無關。

How does the rotational speed of the turbine and stator in the hydraulic torque converter change to maintain equilibrium when the load on a forklift decreases? ①slow down ②remain unchanged ③speed up ④not related.

79. (2) 堆高機使用油壓機構時，必須要有控制油壓機構之 ①安全閥 ②切換閥 ③升降閥 ④傾斜閥。

When a hydraulic mechanism is used in a stacker, what is necessary to control the hydraulic mechanism? ①safety valve ②switching valve ③lift valve ④tilt valve.

80. (2) 在油壓系統中，為防止油壓回路異常高壓而造成機件破損，因此裝有 ①切換閥 ②安全閥 ③升降閥 ④傾斜閥。

What is installed in the hydraulic system to prevent the abnormal high pressure of the hydraulic circuit from causing damage to the mechanical parts? ①switching valve ②safety valve ③lift valve ④tilt valve.

81. (2) 具有煞車與行走動力切斷功能之控制裝置是 ①煞車踏板 ②吋動踏板 ③油門踏板 ④手煞車裝置。

What is the control device with braking and running power cut-off function? ①brake pedal ②inching pedal ③throttle pedal ④handbrake device.

82. (3) 踩下吋動踏板會使行進堆高機產生 ①引擎熄火 ②堆高機翻倒 ③減速 ④高速行走。

What will happen to the traveling stacker by stepping on the inching pedal? ①the engine goes into a stall ②the stacker is overturned ③decelerate ④travel at high speed.

83. (3) 要保持堆高機直行方向，應 ①右手控制方向盤 ②雙手握緊方向盤 ③左手握住方向盤上旋鈕 ④請旁人幫忙握緊。

What should you do to keep the stacker in the straight direction? ①control the steering wheel with the right hand ②hold the steering wheel tight with both hands ③hold the knob on the steering wheel with your left hand ④ask someone to help hold it tight.

84. (4) 堆高機在職業安全衛生設施規則歸類為 ①工程機械 ②運搬機械 ③動力機械 ④車輛機械。

What is the classification of stackers in the occupational safety and health facilities rules? ①construction machinery ②handling machinery ③power machinery ④vehicle machinery.

85. (1) 堆高機操作人員執行基本保養檢查所需資料可以由下列何處迅速取得 ①操作保養手冊 ②修護手冊 ③零件手冊 ④材料手冊。

Where can the stacker operators quickly obtain the information needed to perform basic maintenance and inspections? ①operation and maintenance manual ②repair manual ③parts manual ④material manual.

86. (3) 堆高機煞車油量不足，正確處置方式： ①繼續操作行駛 ②使用手煞車輔助 ③立即通知維修人員 ④不予理會。


What is the correct way to deal with the insufficient brake oil of the stacker? ①continue to operate and drive ②use the handbrake to assist ③notify maintenance personnel immediately ④ignore it.

87. (3) 下列何者屬於堆高機行車裝置： ①貨叉 ②升降桅桿 ③手動變速箱 ④桅桿鏈條。

Which of the following is the driving device of the stacker? ①shuttle ②lifting mast ③manual transmission ④mast chain.

88. (2) 堆高機桅桿傾斜是由何種裝置控制： ①引擎 ②液壓系統 ③變速箱車輪 ④車輪。

What kind of device controls the tilt of the stacker mast? ①engine ②hydraulic system ③gearbox wheels ④wheel.

89. (3)  左圖堆高機儀表板顯現表示 ①補充工具 ②工具遺失 ③堆高機故障 ④車身螺絲鬆動。



What does the indicator on the forklift dashboard in the left image represent? ①

replenish tools ②tool missing ③forklift malfunction ④loose body screws.

90. (2) 下圖堆高機安全標貼警示 ①禁止玩弄堆高機 ②禁止站立於車外操作 ③禁止操作堆高機 ④禁止非合格人員操作。



What does the safety sticker on the stacker in the picture below warn? ①it is forbidden to play with stackers ②it is forbidden to stand outside the vehicle to operate ③it is forbidden to operate the stackers ④operation by unqualified personnel is prohibited .



91. (2) 堆高機上標示 FB25，表示其最大荷重為幾公斤 ①25 ②2500 ③1500 ④250。

How many kilograms is its maximum load for FB25 marked on the stacker? ①25 ②2500 ③1500 ④250.

92. (3) 堆高機上標示 FB25，其「FB」字代表 ①汽油引擎式 ②柴油引擎式 ③電動式 ④液化石油氣式堆高機。

What does the word "FB" mean for FB25 marked on the stacker? ①gasoline engine type ②diesel engine type ③electric type ④liquefied petroleum gas type stacker.

93. (1) 堆高機上標示 FG25，其「FG」字代表 ①汽油引擎式 ②柴油引擎式 ③電動式 ④液化石油氣式堆高機。

The stacker is marked with FG25, what does the word "FG" mean? ①gasoline engine type ②diesel engine type ③electric type ④liquefied petroleum gas type stacker.

94. (2) 堆高機上標示 FD25，其「FD」字代表 ①汽油引擎式 ②柴油引擎式 ③電動式 ④液化石油氣式堆高機。

FD25 is marked on the stacker, what does the word "FD" stand for? ①gasoline engine type ②diesel engine type ③electric type ④liquefied petroleum gas type stacker.

95. (4) 堆高機上標示 FL25，其「FL」字代表 ①汽油引擎式 ②柴油引擎式 ③電動式 ④液化石油氣式堆高機。

FL25 is marked on the stacker, what does the word "FL" mean? ①gasoline engine type ②diesel engine type ③electric type ④liquefied petroleum gas type stacker.

96. (1) 電動堆高機所使用鉛酸蓄電池的分電池為幾伏特 ①2V ②6V ③12V ④24V。

How many volts is the sub-cell of the lead-acid battery used in the electric stacker? ①2V ②6V ③12V ④24V.

97. (3) 一般電動堆高機使用的鉛酸蓄電池是由 24 個分電池所組成，其電壓為 ①24V ②36V ③48V ④80V。

Generally, the lead-acid battery used in electric stackers is composed of 24 sub-cells. What is its voltage? ①24V ②36V ③48V ④80V.

98. (2) 堆高機型式驗證合格標章貼紙上，需載明 ①機型 ②合格字號 ③最大荷重 ④基準負載(承重)中心。

What needs to be stated on the sticker of the stacker type certification marks? ①model ②qualified number ③maximum load ④base load (load-bearing) center.

99. (3) 下列那一種堆高機 CO₂ 排放量最低 ①汽油引擎式 ②柴油引擎式 ③電動式 ④液化石油氣式 堆高機。

Which type of forklift has the lowest CO₂ emissions? ①gasoline engine ②diesel engine ③electric ④liquefied petroleum gas.

100. (3) 下列何者敘述錯誤 ①汽油引擎式堆高機 CO₂ 排放量高於電動式堆高機 ②柴油引擎式堆高機因 CO₂ 排放量高，於室內使用時需注意通風 ③電動式堆高機 CO₂ 排放量為零 ④於室內建議使用 CO₂ 排放量低的電動式堆高機。

Which of the following statements is wrong? ①gasoline engine stackers have higher CO₂ emissions than electric ones ②due to the high CO₂ emissions of diesel engine type stackers, please pay attention to ventilation when used indoors ③the CO₂ emissions of electric stackers are zero ④it is recommended to use an electric stacker with low CO₂ emissions indoors.

101. (1) 使用電動式堆高機當蓄電池容量低於 ①20% ②30% ③35% ④40% 應立即停止工作並給與蓄電池充電。

When using an electric stacker, below what percentage of the battery capacity fall should you immediately stop working and charge the battery? ①20% ②30% ③35% ④40%.

102. (4) 要維持蓄電池有較長的壽命下列何者敘述有誤 ①不可過度放電 ②保持電解液於標準液位 ③清潔蓄電池上方並保持乾燥 ④一停止工作就充電。

To maintain a longer battery life, which of the following is wrong? ①do not over discharge ②keep the electrolyte at the standard level ③clean the top of the battery and keep it dry ④charge as soon as you stop working.

103. (4) 下列何者為齒輪油的規格為 ①SAE10W ②SAE15W40 ③SAE30 ④SAE80。

Which of the following is the specification of gear oil? ①SAE10W ②SAE15W40 ③SAE30 ④SAE80.

104. (2) 電動式堆高機充電時會產生何種氣體，因此必需保持通風與遠離火源 ①氧氣 ②氫氣 ③氮氣 ④氬氣。

What kind of gas will be produced when the electric stacker is charged, so it must be kept ventilated and kept away from fire sources? ①oxygen ②hydrogen ③helium ④nitrogen.

105. (1) 當電池使用一段時間後，電池之端電壓會有不平衡的現象，此時可用均等充電使之平衡，一般多久使用均等充電一次 ①一 ②二 ③三 ④四 個月。

After the battery is used for a period of time, the terminal voltage of the battery will be unbalanced. At this time, it can be balanced by equalizing charge. How often does it take to use equalizing charge? ①one month ②two months ③three months ④four months.

106. (4) 堆高機之油壓系統元件止回閥，其功用為 ①增加流量 ②減少流量 ③降低壓力 ④限制單向流動。

What is the function of the check valve of the hydraulic system component of the stacker? ①increase the flow ②reduce the flow ③reduce the pressure ④restrict one-way flow.

107. (4) 堆高機之油壓系統之油溫過高時，應先檢查 ①液壓油壓力設定 ②濾清器 ③液壓油箱之油位 ④冷卻器。

What should be checked first when the oil temperature of the hydraulic oil pressure system of the stacker is too high? ①hydraulic oil pressure setting ②filter ③oil level of the hydraulic oil tank ④cooler.

108. (1) 1 kg/cm² 壓力等於 ①14.2 ②14.7 ③17.4 ④21.7 psi。

How much psi is the pressure of 1 kg/cm²? ①14.2 ②14.7 ③17.4 ④21.7.

109. (1) 單位面積所受垂直作用力稱為 ①壓力 ②扭力 ③剪力 ④地心引力。

What is the vertical force per unit area called? ①pressure ②torque ③shear force ④terrestrial gravity.

110. (4) 下列何者為堆高機驅動液壓泵的裝置 ①液壓泵馬達 ②液壓缸 ③洩壓閥 ④原動機。

Which device drives the hydraulic pump of a forklift? ①hydraulic pump motor ②hydraulic cylinder ③relief valve ④prime mover.

111. (1) 堆高機於高山上作業，柴油引擎的性能 ①因大氣壓力降低，馬力降低 ②因大氣壓力增加，馬力增加 ③因氣溫降低，馬力降低 ④因氣溫升高，馬力增加。

What will happen to the performance of the diesel engine when the stacker is operating on the mountain? ①as the atmospheric pressure decreases, the horsepower decreases ②as the atmospheric pressure increases, the horsepower increases ③as the temperature drops, the horsepower decreases ④as the temperature rises, the horsepower increases.

112. (3) 柴油堆高機引擎燃料點火燃燒是藉 ①預熱塞 ②噴射泵 ③壓縮空氣熱 ④火星塞。

What is the fuel of the diesel stacker engine to ignite and burn? ①glow plug ②jet pump ③compressed air heat ④spark plug.

113. (3) 堆高機之引擎轉速愈高，則機油最高壓力 ①愈高 ②愈低 ③不變 ④不一定。

What happens to the maximum oil pressure as the engine speed of a forklift increases? ①increases ②decreases ③remains the same ④not necessarily.

114. (1) 柴油堆高機引擎潤滑大都採用 ①完全壓力式 ②部分壓力式 ③噴濺式 ④噴射式。

What method is mostly used for lubrication of diesel stacker engines? ①full pressure type ②partial pressure type ③splash type ④jet type.

115. (3) 日常保養檢查堆高機時，液油壓系統應注意 ①液壓油之流量 ②液壓泵之磨損 ③液壓油之洩漏情況 ④調整液壓油之工作壓力。

What should be paid attention to in the hydraulic oil pressure system during daily maintenance and inspection of the stacker? ①flow of the hydraulic oil ②wear of the hydraulic pump ③leakage of the hydraulic oil ④adjusting the working pressure of the hydraulic oil.

116. (2) 堆高機之電瓶蓋上的洞孔主要功用為 ①加電瓶水 ②通氣 ③探視電瓶水量 ④易於拆卸電瓶蓋。

What is the main function of the hole on the battery cap of the stacker? ①add battery water ②ventilate ③check the water level of the battery ④easy to remove the battery cap.

117. (2) 110V 60Hz 交流電通過人體後，會使肌肉收縮並喪失控制能力的電流約為多少毫安？ ①1~10 ②15~20 ③25~30 ④35~40。

After a 110V 60Hz of alternating current passes through the human body, how many milliamperes of electric current would cause muscle to contract and lose ability to control? ①1~10 ②15~20 ③25~30 ④35~40.

118. (4) 交流電通過人體後，其電流約為多少毫安即相當危險，可能導致死亡？ ①10-20 ②21-30 ③31-40 ④41-90。

After the alternating current passes through the human body, how many milliamperes of current is considered quite dangerous and may cause death? ①10-20 ②21-30 ③31-40 ④41-90.

119. (3) 堆高機引擎發動後，機油警告燈不熄滅，可能原因為機油 ①溫度過熱 ②量太多 ③量太少 ④溫度過低。

After the stacker engine is started, the oil warning light does not go out. What is the possible reason for the oil? ①the temperature overheats ②the amount is too large ③the amount is too small ④the temperature is too low.

120. (1) 柴油堆高機引擎發動後，排氣管冒大量黑煙的可能原因為 ①空氣濾清器堵塞 ②柴油油路不通 ③機油量不足 ④汽缸磨損。

After the diesel stacker engine starts, the exhaust pipe emits a lot of black smoke. What is the possible reason? ①the air filter is clogged ②the diesel oil circuit is blocked ③the engine oil is insufficient ④the cylinder wears.

121. (1) 歐姆定律電流與何者成正比 ①電壓 ②電阻 ③電感 ④電容。

Which one is Ohm's law current proportional to? ①voltage ②resistance ③inductance ④capacitance.

122. (4) 電阻歐姆值與何者無關 ①導線的材質 ②導線的粗細 ③導線的長短 ④導線外絕緣的好壞。
Which of the following has nothing to do with the resistance ohm value? ①the material of the wire ②the thickness of the wire ③the length of the wire ④the quality of the outer insulation of the wire.
123. (1) 堆高機引擎具有化油器和點火系統的是屬於 ①汽油引擎 ②柴油引擎 ③透平機 ④渦輪機。
What does a stacker engine with a carburetor and ignition system belong to? ①gasoline engine ②diesel engine ③turbine ④turbo-machine.
124. (4) 柴油堆高機引擎起動前為先使燃燒室加溫，幫助燃料著火燃燒之裝置為 ①電池 ②電容器 ③阻風門 ④預熱塞。
What is the device that warms the combustion chamber before starting the diesel stacker engine and helps the fuel to ignite? ①battery ②capacitor ③choker ④glow plug.
125. (2) 佛來銘右手定則又叫做 ①電動機定則 ②發電機定則 ③同步機定則 ④安培定則。
What is Fleming's right-hand rule also called? ①motor rule ②generator rule ③synchronous machine rule ④Ampere rule.
126. (1) 佛來銘左手定則又叫做 ①電動機定則 ②發電機定則 ③同步機定則 ④安培定則。
What is Fleming's Left Hand Rule also called? ①motor rule ②generator rule ③synchronous machine rule ④Ampere rule.
127. (3) 潤滑油(機油)滲水時會呈現何種狀態 ①透明狀 ②膠著狀 ③乳化 ④固體化。
What is the state of lubricating oil (motor oil) when it seeps? ①transparent ②gelatinous ③emulsified ④solidified.
128. (4) 液壓馬達之馬力與液體之何者無關 ①流量 ②壓力 ③比重 ④酸鹼度。
What does the horsepower of the hydraulic motor have nothing to do with the liquid? ①flow ②pressure ③specific gravity ④pH.
129. (3) 潤滑油呈何種狀況時就即予更換 ①透明狀 ②運轉時黏度變稀 ③乳化狀 ④空氣混入泡沫狀。
In what condition should the lubricating oil be replaced immediately? ①transparent ②viscosity becomes thinner during operation ③emulsified ④air mixed into the foam.
130. (1) 二個並聯電阻，分別為 6 歐姆和 12 歐姆，其總電阻是幾歐姆 ①4 ②6 ③12 ④18。
The two parallel resistors are 6 ohms and 12 ohms respectively. How many ohms is its total resistance? ①4 ②6 ③12 ④18.
131. (2) 安培是 ①電壓 ②電流 ③電阻 ④電能 的單位。
What is the unit of ampere? ①voltage ②current ③resistance ④energy.
132. (1) 導電率最高之金屬是 ①銀 ②銅 ③鋁 ④鎢。
What is the metal with the highest conductivity? ①silver ②copper ③aluminum ④tungsten.
133. (1) 蓄電池組供應負載時，放電到全容量之多少百分比即需充電 ①20~30% ②40~50% ③60~70% ④80~90%。
When the accumulator battery is supplying a load, what percentage of the full capacity does it need to be charged after it is discharged? ①20~30% ②40~50% ③60~70% ④80~90%.
134. (3) 使用三用電表不能測量 ①直流毫安 ②交流電壓 ③交流電流 ④直流電壓。
What can't be measured with a multimeter? ①DC milliamperes ②AC voltage ③AC current ④DC voltage.
135. (1) 安全衛生標示可依標示用途種類及告知事項分類為 ①2 種 ②3 種 ③4 種 ④5 種。
How many types of safety and health labels can be classified according to the type of labeling purpose and the information to be notified? ①2 types ②3 types ③4 types ④5 types.
136. (1) 測量電壓時必須將電壓錶以何種方式接於電路上 ①並聯 ②串聯 ③複聯 ④任意方式均可。
In what way must the voltmeter be connected to the circuit when measuring voltage? ①parallel connection ②series connection ③multiple connection ④any method is available.
137. (4) 測量電壓是用 ①瓦特計 ②安培計 ③歐姆計 ④伏特計。
What is used to measure voltage? ①Wattmeter ②Ammeter ③Ohmmeter ④Voltmeter.

138. (2) 測量電流時必須將電流計以何種方式接於電路上 ①並聯 ②串聯 ③複聯 ④任意方式均可。

When measuring current, in what way must the ammeter be connected to the circuit? ①parallel connection ②series connection ③multiple connection ④any method is fine.

139. (4) 三用電錶之電池取出後，無法作那些量測？ ①交流電壓 ②直流電壓 ③直流毫安 ④電阻。

What kind of measurement cannot be made after the battery of the multimeter is taken out? ①AC voltage ②DC voltage ③DC milliamperes ④resistance.

140. (3) 電(池)動式堆高機之定期自動檢查，屬於電氣裝置何者為非 ①微動開關 ②電磁開關 ③引擎點火裝置 ④變速用電阻。

What is wrong about the regular automatic inspection of electric (battery) powered stacker as an electrical device? ①micro switch ②electromagnetic switch ③engine ignition device ④resistance for gearshift.

141. (4) 堆高機啟動引擎檢查時，燃燒狀況判定為不完全燃燒（油氣太濃），其排煙呈何種顏色 ①無色 ②少量淡藍色 ③白色 ④黑色。

When the stacker starts the engine inspection, the combustion status is judged to be incomplete combustion (too rich in oil and gas). What is the color of its exhaust smoke? ①colorless ②a little light blue ③white ④black.

142. (2) 會讓引擎運轉時的阻力增加，與燃料消耗量增大的原因之一，是因為添加機油的黏度 ①過低 ②過高 ③不變 ④與黏度無關。

Because the viscosity of the added oil will increase the resistance and fuel consumption when the engine is running. What will happen? ①too low ②too high ③unchanged ④it has nothing to do with viscosity.

143. (1) 堆高機於作業場所或倉儲區域搬運或堆置超長、超寬或超高物件時，最正確的措施是 ①應有專人指揮 ②警示燈 ③警示聲 ④小心駕駛。

What is the most correct measure when transporting or stacking oversized, extra-wide, or extra-tall objects in a workplace or storage area? ①there should be a dedicated person directing the operation ②warning lights ③warning sounds ④drive carefully.

144. (3) 下列何種輪胎無爆胎之虞 ①充氣式 ②氣墊式 ③實心式 ④泡沫充填式。

Which of the following tires has no risk of flat tire? ①inflatable ②air cushion ③solid type ④foam filling type.

145. (4) 下列何者不是堆高機每日作業前實施檢點項目 ①制動器 ②蓄電池 ③連結裝置 ④頂蓬。

Which of the following is not the inspection item before the daily operation of the stacker? ①brake ②battery ③interservice ④head living.

146. (3) 依機械設備器具安全標準使用中貨叉磨損超過多少時，不得再使用 ①5% ②7% ③10% ④15%。

More than what percentage the fork wears during use must it not be used anymore according to Safety Standard of Machinery and Equipment? ①5% ②7% ③10% ④15%.

147. (1) 依勞動部公告使用中鏈條伸長率超過多少時，不得再使用 ①3% ②5% ③10% ④15%。

According to the announcement of the Ministry of Labor, how much is the elongation rate of the chain in use, which must not be used anymore? ①3% ②5% ③10% ④15%.

148. (2) 堆高機維護應貫徹何種原則？ ①修理為主、適時維護 ②預防為主、強制維護 ③隨壞隨修、安全執行 ④小壞不修、大壞報廢。

What principle should be upheld for forklift maintenance? ①repair-focused, timely maintenance ②prevention-focused, mandatory maintenance ③fix as it breaks, safely execute ④ignore minor issues, scrap major failures.

149. (2) 堆高機的前軸中心至後軸中心之距離稱為 ①輪距 ②軸距 ③車全長 ④車全寬。

What is the distance from the center of the front axle to the center of the rear axle of the stacker called? ①wheel track ②wheelbase ③full length of the car ④full width of the car.

150. (4) 堆高機的傳動系統不包括 ①離合器 ②變速箱 ③扭力轉換器 ④避震器。

What does a stacker's transmission system not include? ①clutch ②gearbox ③torsion converter ④shock absorber.

151. (1) 柴油引擎的空氣濾清器阻塞時會使進入汽缸內之空氣 ①變少 ②變多 ③變濃 ④不變。
What happens to the air entering the cylinder when the air filter of a diesel engine is clogged?
①lessen ②increase ③thicken ④unchanged.
152. (1) 配重平衡式堆高機的煞車裝置大都採用鼓式煞車，通常裝置在 ①前兩輪 ②後兩輪 ③四輪 ④變速箱後方。
Most of the braking devices of counterweight balance stackers use drum brakes. Where are they usually located? ①the first two wheels ②the last two wheels ③four wheels ④behind the gearbox.
153. (3) 堆高機的液壓油量不足，正確處置方式 ①繼續操作 ②不予理會 ③立即通知維修人員 ④自行添加液壓油。
The hydraulic oil of the stacker is insufficient. What is the correct way to deal with it? ①continue the operation ②ignore it ③immediately notify maintenance personnel ④add hydraulic oil by yourself.
154. (3) 堆高機的迴轉半徑是指 ①當車以小半徑轉彎時 ②當車以大半徑轉彎時 ③外側後輪所行經之半徑 ④內側後輪所行經之半徑。
What does the turning radius of a forklift refer to? ①the radius when the vehicle turns with a small radius ②the radius when the vehicle turns with a large radius ③the radius traveled by the outer rear wheel ④the radius traveled by the inner rear wheel.
155. (2) 堆高機的差動齒輪裝置發生差速作用的力量是來自 ①變速箱 ②車輪 ③差速小齒輪 ④扭力轉換器。
What is the source of the differential action of the differential gear device of the stacker? ①gearbox ②wheels ③differential pinion ④torsion converter.
156. (1) 堆高機在轉彎時 ①外側輪胎比內側輪胎旋轉快 ②外側輪胎比內側輪胎旋轉慢 ③內側輪胎比外側輪胎旋轉快 ④內外側輪胎旋轉一樣。
What happens to the stacker when it makes a turn? ①the outer tire rotates faster than the inner tire ②the outer tire rotates slower than the inner tire ③the inner tire rotates faster than the outer tire ④the inner and outer tires rotate the same.
157. (2) 堆高機的升降缸、傾斜缸為防止油壓回路異常，安全閥調整壓力作動通常設定在 ①80~90kg/cm² ②100~180kg/cm² ③190~200kg/cm² ④220~240kg/cm²。
The lift cylinder and tilt cylinder of the stacker are used to prevent abnormal hydraulic circuit. Which range is usually set for the pressure adjustment of the safety valve? ①80~90kg/cm² ②100~180kg/cm² ③190~200kg/cm² ④220~240kg/cm².

工作項目：02

1. (4) 電力式堆高機的優點，下列何者錯誤？ ①不會發生有毒的廢氣 ②無內燃機點火燃燒噪音 ③可使用於換氣差之密閉場所 ④成本比內燃機式低。
Which of the following is wrong about the advantages of electric stackers? ①no toxic exhaust gas will be produced ②no ignition and combustion noise of internal combustion engine ③can be used in airtight places with poor ventilation ④the cost is lower than that of internal combustion engine.
2. (1) 堆高機於升降架設置貨扶架之主要目的為 ①防止貨物掉落 ②提高裝載率 ③結構上較美 ④操作上較方便。
What is the main purpose of the stacker to install the back rest on the lifting frame? ①prevent the goods from falling ②increase loading rate ③it is beautiful in structure ④it is more convenient in operation.
3. (3) 堆高機儀表板 rpm 代表 ①電壓 ②電流 ③轉速 ④電阻。
What does the "rpm" indicator on a forklift dashboard represent? ①voltage ②current ③rotational speed ④resistance.
4. (1) 堆高機儀表板 km/h 代表 ①時速 ②轉速 ③壓力 ④里程數。
What does km/h on the stacker dashboard represent? ①speed per hour ②rotational speed ③pressure ④mileage.

5. (2) 配重平衡式堆高機的煞車踏板踩下時 ①四輪皆產生煞車作用 ②僅前輪產生煞車作用 ③僅後輪產生煞車作用 ④煞車作用視機種而定。

What happens when stepping on the brake pedal of the counterbalance lift truck? ①all four wheels produce braking effect ②only the front wheels produce braking effect ③only the rear wheels produce braking effect ④the braking effect depends on the model.

6. (2) 配重平衡式堆高機的手煞車作用於 ①後輪 ②前輪 ③前後輪 ④傳動軸。

Where does the hand brake of the counterbalance lift truck work? ①rear wheel ②front wheel ③front and rear wheels ④transmission shaft.

7. (3) 自動排擋的堆高機排檔位置是「N」，當轉動起動開關時 ①引擎無法運轉 ②引擎運轉不順 ③引擎可以運轉 ④與引擎運轉無關。

If the position of the automatic gearshift of the stacker is "N", what happens when the starting switch is turned? ①the engine cannot run ②the engine cannot run smoothly ③the engine can run ④it has nothing to do with the running of the engine.

8. (3) 小型堆高機的煞車系統都採用 ①中立式 ②內束式 ③外張式 ④直束式。

What type of braking system does the small stacker use? ①neutral type ②internal beam type ③outer expanding type ④straight beam type.

9. (1) 堆高機除駕駛員外 ①不可搭乘人員 ②可供一人搭乘 ③後端配重機可搭乘二人 ④只要坐得下均可搭乘。

Except for the driver of the stacker, which of the following statements is correct? ①cannot embark personnel ②can only embark one person ③can embark two people on the rear frame weight vehicle ④can embark as long as it accommodates personnel.

10. (1) 堆高機在潮濕的路面及滑溜的場所要 ①減速慢行，小心駕駛 ②快速衝過去 ③緊急煞車 ④停車休息。

How does the stacker work on wet roads and slippery places? ①slow down and drive carefully ②rush over quickly ③clap on the brakes ④stop and rest.

11. (3) 堆高機的兩支貨叉應該放置在 ①車輛中心線上的右邊 ②車輛中心線上的左邊 ③車輛中心線上左右相等位置 ④車輛中心線上不考慮左右邊皆可。

Where should the two forks of the stacker be placed? ①the right side of the center line of the vehicle ②the left side of the center line of the vehicle ③the left and right equal positions on the center line of the vehicle ④on the center line of the vehicle regardless of the left and right sides will be all right.

12. (2) 堆高機上下坡時不得 ①換檔 ②迴轉 ③停車 ④煞車。

What must not be done when the stacker goes up and down? ①change gear ②make a U-turn ③park ④brake.

13. (3) 左圖表示 ①機油壓力指示 ②充電指示 ③空氣濾清指示 ④煞車油指示。



What does the picture on the left indicate? ①engine oil pressure indication ②charging indication ③air filter indication ④brake oil indication.

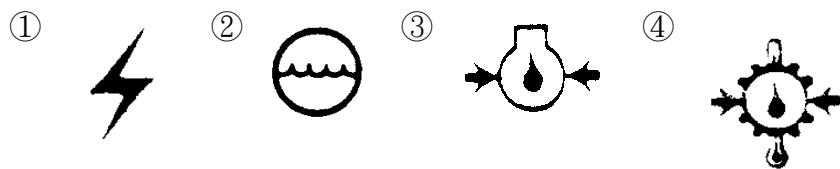
14. (3) 如下圖，當堆高機的引擎運轉，儀表亮起時，則警示 ①充電系故障 ②燃料油不足 ③柴油濾清器中有水份 ④煞車油不足。



As shown in the figure below, when the engine of the stacker is running and the meter lights up, what is the warning? ①charging system malfunction ②insufficient fuel oil ③there is water in the diesel filter ④insufficient brake oil .



15. (2) 正常狀態下，轉動堆高機起動開關第一道時，下列何者儀表指示應不會亮



Under normal conditions, when the stacker starting switch is turned for the first time, which of the following meter displays should not light up? ①



16. (1) 下列何種不是堆高機的轉向型式 ①軌道式 ②折腰式 ③轉輪式 ④軸轉式。

Which of the following is not the steering type of the stacker? ①orbital type ②folding waist type ③runner type ④shaft type.

17. (4) 堆高機主要工作機能為 ①前傾 ②後仰 ③載人 ④裝卸及搬運。

What is the main function of the stacker? ①forward tilt ②hypsokinesis ③manned ④handling and carrying.

18. (4) 配重平衡式堆高機後輪卡於水溝時，必須由 ①多人推起 ②加油門衝起 ③不加理會停放該處 ④另一部堆高機推(拉)起。

When the rear wheel of a counterweight balanced stacker is stuck in the ditch, what action must be taken? ①pushed up by multiple people ②speed up the throttle ③ignore and leave it where it is ④pushed (pulled) by another stacker.

19. (4) 使用中的堆高機發現水箱無水時應 ①立即引擎熄火加入冷卻水 ②引擎不熄火直接加入冷卻水 ③引擎不熄火打開引擎蓋，自然冷卻 ④停車熄火讓引擎稍冷卻後加入冷卻水。

What should you do when the stacker in use finds that there is no water in the water tank? ①immediately turn off the engine and add cooling water ②add cooling water directly without turning off the engine ③when the engine does not turn off, open the bonnet lid and let it cool down naturally ④stop and turn off the engine, let the engine cool down a little, and then add cooling water.

20. (1) 駕駛堆高機穿越凹凸路面時應 ①慢速斜行通過 ②慢速直行通過 ③保持原速通過 ④快速斜行通過。

What should you do when driving a stacker across a bumpy road? ①pass through slowly and obliquely ②pass through slowly straight ③pass through at the same speed ④pass through fast and obliquely.

21. (2) 堆高機車輪之抓地力摩擦效果 ①空載時較佳 ②負載時較佳 ③空載或負載時一樣 ④加速時較佳。

What is the traction frictional effect of stacker wheels? ①better at no load ②better under load ③the same at no load or under load ④better when accelerating.

22. (4) 離開堆高機時應 ①煞車並卸載 ②煞車並熄火 ③煞車、熄火、取下鑰匙並卸載 ④煞車、熄火、取下鑰匙並將貨叉置於地面。

What should you do when you leave the stacker? ①brake and unload ②brake and turn off the engine ③brake, turn off the engine, remove the key and unload ④brake, turn off the engine, remove the key and place the shuttle on the ground.

23. (3) 改變堆高機行進方向時，在改變方向前堆高機應 ①慢速 ②保持在不影響轉向之速度 ③完全停止 ④用力踩油門。

When changing the direction of travel of the stacker, what should the stacker do before changing the direction? ①low speed ②keep it at a speed that does not affect the steering ③stop completely ④step on the accelerator hard.

24. (2) 駕駛堆高機跟隨在另一輛堆高機後面時，應 ①儘量接近 ②保持二輛車距 ③保持四輛車距 ④保持十輛車距。

What should you do when driving a stacker to follow another stacker? ①drive as close as possible ②keep a two-car distance ③keep a four-car distance ④keep a ten-car distance.

25. (1) 駕駛堆高機遇到另一輛堆高機對向而來，應 ①靠右邊通過 ②靠左邊通過 ③停下讓對方選邊通過 ④視狀況選邊通過。

What should you do when driving a stacker and encountering another stacker coming in the opposite direction? ①pass through to the right ②pass through to the left ③stop and let the other party choose which side to pass through ④choose which side to pass through depending on the situation.

26. (4) 堆高機停在斜坡時，應 ①煞車並熄火 ②置放輪擋 ③煞車 ④煞車並置放輪擋。

What should you do when the stacker stops on a slope? ①brake and turn off the engine ②place the wheel chocks ③brake ④brake and place the wheel chocks.

27. (3) 速度對駕駛者控制堆高機之影響為 ①不會有影響 ②稍微有影響 ③嚴重影響 ④視負載而決定。

What is the effect of speed on the driver's control of the stacker? ①there is no impact ②slightly affected ③seriously impacted ④depends on the load.

28. (2) 堆高機行駛速度由何者決定 ①駕駛者 ②依道路交通標誌指示 ③依裝載狀況 ④依堆高機種類。

What determines the driving speed of a forklift? ①the driver ②according to road traffic signs ③according to the loading conditions ④according to the type of forklift.

29. (2) 堆高機停放時，應 ①儘可能昇高貨叉 ②將貨叉降至地面 ③使貨叉保持離地面 10 公分 ④使貨叉高於頭的高度。

How should a forklift be positioned when parked? ①raise the forks as high as possible ②lower the forks to the ground ③keep the forks 10 cm above the ground ④keep the forks above head height.

30. (3) 駕駛堆高機靠近視線死角時，應 ①停車後繼續行進 ②慢速並鳴笛 ③停車、鳴笛後再行進 ④停車看清路線後再行進。

What should you do when driving a stacker close to a blind spot? ①keep going after stopping ②slow down and whistle ③stop and whistle before proceeding ④stop and see the route before proceeding.

31. (1) 何者不是技術很好且安全的堆高機駕駛應具備之條件？ ①保持最高速度或稍超速 ②知悉停車指示信號 ③尋找工作場所危害，進而加以處置 ④充分了解堆高機性能。

What is not the requirement for a highly skilled and safe stacker driver? ①maintain the maximum speed or slightly exceed the speed ②be aware of the stop signal ③look for workplace hazards and deal with them ④fully understand the performance of the stacker.

32. (1) 堆高機停放時應 ①將貨叉降低至地面 ②停放於車道外角落 ③停放於門口或入口附近 ④停放在斜坡，且需將車輪固定。

What should you do when the stacker is parked? ①lower the shuttle to the ground ②park at the corner outside the driveway ③park at the door or near the entrance ④park on a slope with wheels fixed.

33. (3) 駕駛堆高機進入或離開建築物時，應 ①先停止再開 ②直接開進或開出 ③停止、鳴笛再慢慢開進或開出 ④保持慢速。

What should you do when driving a stacker into or out of a building? ①stop and then drive ②directly drive in or drive out ③stop, whistle and then drive in or drive out slowly ④keep at slow speed.

34. (3) 堆高機之喇叭 ①僅能在室外使用 ②只有在升舉作業前測試使用 ③必須經常保持功能 ④應儘量避免使用。

How do you deal with the speaker of the stacker? ①can only be used outdoors ②only used for testing before lifting ③the function must be maintained frequently ④avoid using it as much as possible.

35. (3) 下列敘述何者不是堆高機喇叭之功用 ①是引起前面行人注意之良好裝置 ②在道路交叉點響音 ③面對另一輛堆高機時響音 ④超越另一輛堆高機時響音。

Which of the following descriptions is not the function of the stacker horn? ①it is a good

device to attract the attention of pedestrians in front of you ②sound at road intersections ③ sound when facing another stacker ④sound when passing another stacker.

36. (2) 堆高機如有機械故障，駕駛者應 ①自行儘速檢修故障 ②將故障報告主管 ③將故障留給下一位操作者處理 ④換另一輛堆高機。

What should be done if a forklift has a mechanical fault? ①repair the fault immediately by yourself ②report the fault to the supervisor ③leave the fault for the next operator to handle ④switch to another forklift.

37. (1) 堆高機未載貨時，駕駛者應 ①視同載貨一樣的操作 ②加速降低重心 ③載運工場作業人員以增加產量 ④高速行駛減少耗油量。

What should the driver do when the stacker is not loaded? ①the same operation as loading cargo ②speed up and lower the center of gravity ③carry factory workers to increase production ④high-speed driving reduces fuel consumption.

38. (3) 如果發現堆高機配件短少，應該 ①自己動手裝上 ②繼續操作 ③將問題報告主管 ④等作業完再送至維修部門。

What should you do if you find that the fittings of the stacker are short? ①install them by yourself ②continue the operation ③report the problem to the supervisor ④wait until the work is completed before sending the stacker to the maintenance department.

39. (4) 堆高機桅桿的升降鏈條最主要功能是 ①減輕負荷 ②使引擎馬力提升 ③防止桅桿彎曲 ④使貨叉於承載貨物，保持平衡狀態。

What is the main function of the lifting chain of the stacker mast? ①reduce the load ②increase engine horsepower ③prevent the mast from bending ④keep the shuttle in a balanced state while carrying the cargo.

40. (3) 堆高機儀表板若裝有二個油溫表，其指示何處油溫？ ①柴油與液壓油 ②煞車油與黃油 ③引擎機油與差速器油 ④引擎機油與煞車油。

If there are two oil temperature gauges on the instrument panel of the stacker, where do they indicate the oil temperature? ①diesel oil and hydraulic oil ②brake oil and consistent grease ③engine oil and differential oil ④engine oil and brake oil.

41. (2) 手排檔堆高機行駛時，其排檔順序為 ①先排方向檔，再排速度檔 ②先排速度檔，再排方向檔 ③依操作人員習慣 ④依雇主要求。

What is the shifting sequence when driving a manual transmission forklift? ①shift direction first, then shift speed ②shift speed first, then shift direction ③according to the operator's preference ④according to the employer's requirement.

42. (2) 電動式堆高機充電過程中會產生有爆炸性之何種氣體，所以絕對不可接近火焰 ①氧氣 ②氫氣 ③氮氣 ④氦氣。

What kind of explosive gas will be generated during the charging process of the electric stacker? So never approach the flame. ①oxygen ②hydrogen ③helium ④nitrogen.

43. (4) 下列何者不是安全行駛運轉行為 ①夜間行駛利用前、後照燈 ②貨叉和棧板不得搭乘人員 ③遵守正確姿勢運轉 ④為增加效率可急速回旋運轉。

Which of the following is not a safe driving behavior? ①use front and rear lights when driving at night ②shuttles and pallets are not allowed to take people ③observe the correct posture ④it is ok to rotate rapidly to increase efficiency.

44. (1) 堆高機車輪鋼圈標示 4.00×9DT 之意義為 ①寬度×外徑 ②高度×寬度 ③外徑×寬度 ④內徑×寬度。

What is the significance of the 4.00×9DT marking on the wheel rim of the stacker? ①width x outer diameter ②height x width ③outer diameter x width ④inner diameter x width.

45. (1) 起動堆高機汽油引擎前應 ①查明變速操作桿是否置放在空檔位置 ②腳踩煞車板 ③踩油門 ④鳴笛提醒旁人。

What should you do before starting the gasoline engine of the stacker? ①check whether the gearshift operation rod is placed in the neutral gear ②step on the brake plate ③step on the accelerator ④whistle to remind others.

46. (3) 駕駛者離開堆高機時，下述何者錯誤 ①停放在不妨礙交通的處所 ②貨叉下降置放地面 ③引擎熄火，鑰匙不可帶走 ④拉緊煞車裝置拉桿。

Which of the following is incorrect when the driver leaves the forklift? ①park in a place that does not obstruct traffic ②lower the forks to rest on the ground. ③turn off the engine, and do not take the key ④engage the brake lever tightly..

47. (2) 下圖為 ①空氣濾清器蕊警告燈 ②煞車油警告燈 ③燃油量警告燈 ④水箱冷卻液警告燈。



What is the picture below? ①air filter core warning light ②brake oil warning light ③fuel quantity warning light ④water tank coolant warning light .



48. (3) 下圖為 ①空氣濾清器蕊警告燈 ②煞車油警告燈 ③燃油量警告燈 ④水箱冷卻液警告燈。



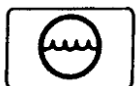
What is the picture below? ①air filter core warning light ②brake oil warning light ③fuel quantity warning light ④water tank coolant warning light .



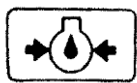
49. (4) 下圖為 ①預熱指示燈 ②電瓶充電警告燈 ③燃油量警告燈 ④水箱冷卻液警告燈。



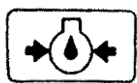
What is the picture below? ①glow indicator light ②battery charging warning light ③fuel quantity warning light ④water tank coolant warning light .



50. (1) 下圖為 ①引擎油壓警告燈 ②電瓶充電警告燈 ③煞車油警告燈 ④預熱指示燈。



What is the picture below? ①engine oil pressure warning light ②battery charging warning light ③brake oil warning light ④glow indicator light .



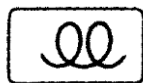
51. (2) 下圖為 ①引擎油壓警告燈 ②電瓶充電警告燈 ③煞車油警告燈 ④預熱指示燈。



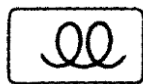
What is the picture below? ①engine oil pressure warning light ②battery charging warning light ③brake oil warning light ④glow indicator light .



52. (4) 下圖為 ①引擎油壓警告燈 ②電瓶充電警告燈 ③煞車油警告燈 ④預熱指示燈。



What is the picture below? ①engine oil pressure warning light ②battery charging warning light ③brake oil warning light ④glow indicator light .



53. (1) 駕駛自動排檔的堆高機行進間踩下煞車會使 ①輪胎產生制動阻力 ②手煞車同時產生作用 ③變速箱自動跳至空檔 ④引擎轉速增高。

What happens when stepping on the brake while driving an automatic gearshift stacker? ①tires

generate braking resistance ②the handbrake works at the same time ③the gearbox automatically jumps to neutral ④increased engine speed.

54. (2) 在急彎路段行駛堆高機會發現有下列何種交通標誌？ ①禁止標誌 ②警告標誌 ③輔助標誌 ④指示標誌。

What type of traffic sign might be encountered when operating a forklift on a sharp curve? ①prohibition sign ②warning sign ③auxiliary sign ④instruction sign.

55. (2) 正確駕駛手排檔堆高機的排檔程序是 ①踏下離合器→排進方向檔→排進速度檔→釋放離合器 ②踏下離合器→排進速度檔→排進方向檔→釋放離合器 ③排進方向檔→踏下離合器→排進速度檔→釋放離合器 ④排進速度檔→踏下離合器→排進方向檔→釋放離合器。

What is the gearshift procedure for driving the manual gearshift stacker correctly? ①step on the clutch → switch to direction gear → switch to speed gear → release the clutch ②step on the clutch → switch to speed gear → switch to direction gear → release the clutch ③switch to direction gear → step on the clutch → switch to speed gear → release the clutch ④switch to speed gear → step on the clutch → switch to direction gear → release the clutch.

56. (3) 正確駕駛自動排檔堆高機的排檔程序是 ①踏下煞車踏板→排進方向檔→排進速度檔→釋放煞車踏板 ②排進方向檔→踏下煞車踏板→排進速度檔→釋放煞車踏板 ③踏下煞車踏板→排進速度檔→排進方向檔→釋放煞車踏板 ④排進速度檔→踏下煞車踏板→排進方向檔→釋放煞車踏板。

What is the gearing procedure for correctly driving an automatic gear stacker? ①step on the brake pedal → shift into the direction gear → shift into the speed gear → release the brake pedal ②shift into the direction gear → step on the brake pedal → shift into the speed gear → release the brake pedal ③step on the brake pedal → shift into the speed gear → shift into the direction gear → release the brake pedal ④shift into the speed gear → step on the brake pedal → shift into the direction gear → release the brake pedal.

57. (3) 由貨叉尖端至垂直部分表面之長度稱為 ①全長 ②全寬 ③貨叉長度 ④基準負荷中心。

What is the length from the tip of the shuttle to the surface of the vertical part called? ①full length ②full width ③shuttle length ④reference load center.

58. (2) 構成堆高機棧板上及下面之板稱為 ①端面板 ②棧板面 ③桁板 ④翼板。

What are the plates above and below stacker's pallet called? ①end panel ②pallet surface ③truss ④wing plate.

59. (4) 將棧板插入口之端面板削去銳角部分，主要目的為 ①避免銳角傷害物品 ②容易裝卸貨物 ③避免銳角傷人 ④使貨叉容易插入。

What is the main purpose of cutting off the acute angle part of the end panel of the pallet slot? ①avoid acute angles to damage items ②easy to load and unload cargo ③avoid hurting people with acute angles ④make the shuttle easy to insert.

60. (3) 裝卸較小貨物及散裝貨物時，較為方便之棧板為 ①單面四方型 ②兩面使用兩翼型 ③籠形棧板 ④兩面使用型。

What type of pallet is more convenient for loading and unloading smaller cargo and bulk cargo? ①single-sided square type ②use two-wing type on both sides ③cage pallet ④double-sided use type.

61. (2) 適用於圓筒紙卷或橫置物轉為縱置時，使用裝置為 ①吊臂 ②旋轉夾板 ③附夾板式雙叉 ④斗箕。

What device is suitable for use when the cylindrical paper roll or the transverse object is turned to the longitudinal position? ①jib ②rotating clamp ③bifurcation with clamp ④bucket.

62. (3) 平行棧板之端面板縱向一邊之尺寸稱為 ①棧板長度 ②棧板全長 ③棧板寬度 ④棧板高度。

What is the size of the longitudinal side of the end panel of the parallel pallet called? ①the length of the pallet ②the full length of the pallet ③the width of the pallet ④the height of the pallet.

63. (1) 將棧板面相互連結時所使用之木料稱為 ①桁樑 ②方塊 ③端面板 ④木橇。

What is the name of the wood used to join the pallet faces together? ①truss ②block ③end panel ④wooden skid.

64. (2) 貨叉長度約為基準負荷中心值之幾倍 ①1 ②2 ③3 ④4。

How many times the shuttle length is about the reference load center value? ①1 ②2 ③3 ④4.

65. (3) 貨叉強度之安全係數為多少以上 ①1 ②2 ③3 ④5。

Above how much is the safety factor of the shuttle strength? ①1 ②2 ③3 ④5.

66. (4) 升降鏈條強度之安全係數為多少以上 ①1 ②2 ③3 ④5。

Above how much is the safety factor of the strength of the lifting chain? ①1 ②2 ③3 ④5.

67. (2) 物體單位時間內位移的變化率為 ①加速度 ②速度 ③作用力 ④著力點。

What is the rate of change of the object's displacement per unit time? ①acceleration ②velocity ③applied force ④origin of force.

68. (3) 物體單位時間內速度的變化率為 ①作用力 ②位移 ③加速度 ④速度。

What is the rate of change in speed of an object per unit time? ①force ②displacement ③acceleration ④velocity.

69. (1) 堆高機支撐貨物使用 ①貨叉 ②升降架 ③載貨台 ④堆高架。

What does the stacker use to support the goods? ①shuttle ②stand ③stowage platform ④forklift rack.

70. (3) 在同體積下何者最重 ①混凝土 ②砂石 ③鐵塊 ④乾砂。

Which is the heaviest in the same size? ①concrete ②sandstone ③iron plate ④dry sand.

71. (4) 在同體積下何者最輕 ①混凝土 ②砂石 ③鐵塊 ④乾砂。

Which is the lightest in the same size? ①concrete ②sandstone ③iron plate ④dry sand.

72. (1) 堆高機要放置貨物時應 ①先前傾成水平再下降 ②先下降再前傾成水平 ③下降與前傾同時操作 ④下降與前傾先後無關。

What should you do when operating stackers to place goods? ①forward tilt to cross level before descending ②descend first and then forward tilt to cross level ③simultaneous operation of descending and forward tilting ④descending has nothing to do with forward tilting.

73. (2) 堆高機叉舉長件或寬件貨物進門時 ①兩邊間隙不夠時應將貨物截短 ②可以斜走方式進門 ③強行通過損壞再修理 ④拆門通過。

What should you do when the stacker fork-lifts long or wide goods into the door? ①when the clearance on both sides is not enough, the cargo should be truncated ②you can enter the door diagonally ③forcibly pass and repair after damage ④dismantle the door and pass.

74. (2) 堆高機在傾斜地面作業如傾斜度在三度以內時，貨叉上升高度不得超過 ①1 公尺 ②1.5 公尺 ③2 公尺 ④2.5 公尺。

When the stacker is working on a sloping ground, such as the inclination is within three degrees, how many meters should the shuttle lift not exceed? ①1 meter ②1.5 meters ③2 meters ④2.5 meters.

75. (4) 物體所受負荷隨時間變動者為 ①壓縮負荷 ②衝擊負荷 ③反復負荷 ④交變負荷。

What is the load on an object that changes over time? ①compression load ②impact load ③repeated load ④alternate load.

76. (1) 一根截面積固定的金屬棒受拉伸外力，則其內部之任一垂直截面上所產生之內應力稱為 ①拉伸應力 ②拉伸負荷 ③拉伸強度 ④拉伸阻力。

A metal rod with a fixed cross-sectional area is subjected to a tensile external force. What is the internal stress generated on any vertical cross-section inside it? ①tensile stress ②tensile loading ③tensile strength ④tensile resistance.

77. (3) 負載中心之大小與堆高機之叉舉能量成 ①正比 ②平方正比 ③反比 ④平方反比。

What is the relationship between the size of the load center and the lifting capacity of the forklift? ①directly proportional ②proportional to the square ③inversely proportional ④inversely proportional to the square.

78. (3) 為防止升高貨叉上之貨物滑落，應使後扶架 ①前傾 ②中立 ③後傾 ④保持原狀。

In order to prevent the goods on the raised shuttle from slipping, what should be done with the back rest? ①lean forward ②neutral ③lean backward ④keep it as it is.

79. (2) 堆舉貨物重心離後扶架愈遠愈 ①安全 ②不安全 ③與距離無關 ④與重心無關。

How about the farther the center of gravity of the stacked cargo is from the back rest? ①safe

②unsafe ③it has nothing to do with the distance ④it has nothing to do with the center of gravity.

80. (1) 堆高機測試升高速度時，其貨叉應 ①空載 ②半載 ③3/4 載 ④全載。

What should the shuttle of the stacker be when testing the elevating velocity? ①no load ②half load ③3/4 load ④full load.

81. (4) 堆高機叉舉箱件時，最應注意其 ①長度 ②寬度 ③體積 ④重心。

What should be paid attention to when the stacker fork lifts the boxes? ①length ②width ③volume ④center of gravity.

82. (1) 利用停止行駛之堆高機從事高架作業時， ①已採取防止墜落設備或措施者，可以搭載人員作業 ②人只要站在貨叉上即可工作 ③可以叉一塊板台，人站在板台上工作 ④只要方便就好，不必做防護。

What should you do when using a stopped stacker to perform elevated work? ①those who have taken equipment or measures to prevent falling may carry personnel for operation ②people can work as long as they stand on the shuttle ③it is ok to fork a pallet with someone working on it ④as long as it is convenient, no protection is necessary.

83. (3) 為使物體穩定度最好的方式是 ①底面積愈寬重心愈高 ②底面積愈窄重心愈低 ③底面積愈寬重心愈低 ④底面積愈窄重心愈高。

What is the best way to stabilize the object? ①the wider the base area, the higher the center of gravity ②the narrower the base area, the lower the center of gravity ③the wider the base area, the lower the center of gravity ④the narrower the base area, the higher the center of gravity.

84. (4) 貨物太大阻擋視線時，如要上坡行駛應 ①前進行駛 ②倒退行駛 ③停車 ④請人指揮前進行駛。

What should I do if I want to drive uphill when the cargo is too large to block my sight? ①drive forward ②drive backward ③make a stop ④ask someone to direct you to drive forward.

85. (3) 同重量物質何者體積最大 ①砂石 ②鋼砂 ③乾砂 ④混凝土。

Which material of the same weight has the largest volume? ①sandstone ②steel grit ③dry sand ④concrete.

86. (1) 力矩為 ①力×力臂 ②力×合力 ③力×分力 ④力×力偶。

What is the torque? ①force × force arm ②force × resultant force ③force × component force ④force × force couple.

87. (3) 堆高機在未叉舉貨物於靜止狀態時，車輛重量所產生之重力，在力的三要素中屬於 ①力之大小 ②力之方向 ③力之作用點 ④力之重心。

When the stacker is at a standstill without forklifting the cargo, what is the gravity generated by the weight of the vehicle among the three elements of force? ①the magnitude of force ②the direction of force ③the point of operation of force ④the center of gravity of force.

88. (2) 堆高機載貨升到很高狀態時 ①可以做大幅的前後傾操作 ②不可做大幅的前後傾操作 ③可以急速下降 ④可以瞬間下降。

When the stacker lifts the cargo to a very high state, which action is correct? ①can do a large forward and backward tilt operation ②cannot do large forward and backward tilt operations ③can descend rapidly ④can descend in a flash.

89. (1) 堆高機在傾斜地面作業，傾斜超過若干度不得作業 ①3 度 ②5 度 ③7 度 ④9 度。

The stacker is operating on a sloping ground, more than how many degrees of inclination is not allowed to work? ①3 degrees ②5 degrees ③7 degrees ④9 degrees.

90. (1) 堆高機之貨叉貨面與垂直面 ①成 90 度 ②小於 90 度 ③大於 90 度 ④成 0 度。

What is the angle between the shuttle plane and the vertical plane of the stacker? ①90 degrees ②less than 90 degrees ③more than 90 degrees ④to 0 degrees.

91. (2) 堆高機到達堆積貨物前面要叉舉貨物前應先 ①加速 ②停車調整 ③減速 ④快速。

The stacker arrives in front of the stacked cargo. What should you do before forklifting the cargo? ①speed up ②make a stop and adjust ③decelerate ④fast.

92. (2) 堆高機荷重曲線表之縱座標是指 ①負載中心 ②叉舉重量 ③最小轉彎半徑 ④旋轉半徑。

What is the ordinate of the load curve table of the stacker? ①load center ②fork-lift weight ③minimum turning radius ④radius of gyration.

93. (4) 堆高機叉舉貨物行駛中，若緊急煞車，下列何者不會發生？ ①貨物掉落 ②堆高機駕駛員前傾 ③堆高機翻覆 ④貨叉折斷。

Which of the following will NOT occur if a forklift performs an emergency brake while carrying a load? ①the load falls off ②the forklift operator leans forward ③the forklift overturns ④the forks break.

94. (3) 搬運長條形貨物宜使用 ①配重平衡型堆高機 ②桅桿伸縮型堆高機 ③側舉型堆高機 ④檢提型堆高機。

Which of the following should be used for carrying long strip shape goods? ①counterbalance stacker ②reach stacker ③side loading stacker ④turret stacker.

95. (3) 貨叉快速下降，途中緊急停止時，升降鏈條所受之負荷為 ①死負荷 ②復負荷 ③衝擊負荷 ④拉張負荷。

What is the load on the lift chain when the shuttle descends rapidly and stops in an emergency on the way? ①dead load ②repeated load ③impact load ④tensile load.

96. (3) 堆高機在斜坡上裝載貨物，操作方式 ①從旁叉舉載 ②由坡上向下舉載 ③由坡下向上舉載 ④不考慮。

The stacker loads goods on the slope. What is the operation method? ①lift the load from the side fork ②lift the load down from uphill ③lift the load up from downhill ④don't consider it.

97. (1) 堆高機上坡時應使貨物保持在 ①前方 ②後方 ③前方或後方都可以 ④不低於眼睛高度。

When the stacker goes uphill, the cargo should be kept at: ①the front ②the rear ③either the front or the rear ④no lower than the height of eyes.

98. (2) 堆高機下坡時應使貨物保持在 ①前方 ②後方 ③前方或後方都可以 ④不低於眼睛高度。

Where should the cargo be kept when the stacker goes downhill? ①front ②rear ③either front or rear will be all right ④not lower than eye height.

99. (1) 裝卸貨物之堆高機突然停止升降，會 ①引起貨物推擠 ②損壞堆高機結構 ③折斷貨叉 ④使堆高機翻覆。

What happens if the stacker for loading and unloading goods suddenly stops lifting? ①cause cargo pushing ②damage the stacker structure ③break the shuttle ④overturn the stacker.

100. (2) 堆高機急轉彎容易造成翻覆事故，主要與何者有關 ①重力 ②離心力 ③靜摩擦力 ④動摩擦作用。

A sharp turn of the stacker is likely to cause overturning accidents. What is the main cause? ①gravity ②centrifugal force ③static friction ④dynamic friction.

101. (1) 一般平棧板僅積存貨物原狀承載而不做堆積者為 ①單面型 ②片面使用型 ③兩面使用型 ④箱型。

In general, which type of flat pallet only accumulates goods and carries them in their original state without stacking? ①single-deck type ②non-reversible type ③reversible type ④box type.

102. (3) 中央設有空間，並將其圍住，各段交互改變方向的堆積方式為 ①磚型堆積 ②交互並列堆積 ③針孔型堆積 ④塊狀堆積。

With a space in the center and enclosing it, what is the stacking method for each section to alternately change direction? ①brick type stacking ②alternate juxtaposing stacking ③pinhole type stacking ④lump stacking.

103. (1) 將物品縱橫組合堆積並做 180 度方向改變交互堆積方式為 ①磚型堆積 ②塊狀堆積 ③交互排列堆積 ④風車型堆積。

What is the way of stacking items vertically and horizontally and changing the direction by 180 degrees? ①brick type stacking ②lump stacking ③alternate juxtaposing stacking ④windmill type stacking.

104. (3) 將物品在完全相同方向並列且成 90 度方向改變其堆積方式為 ①塊狀堆積 ②磚型堆積 ③交互排列堆積 ④針孔型堆積。

What is the way to put items side by side in exactly the same direction and change their stacking at 90 degrees? ①lump stacking ②brick type stacking ③alternate juxtaposing stacking ④pinhole type stacking.

105. (1) 堆高機裝載貨物於下坡時，應 ①後退駕駛 ②前進駕駛 ③慢速曲折駕駛 ④不踩油門滑行。

What should you do when the stacker is loading cargo downhill? ①drive backward ②drive forward ③drive zigzag at low speed ④glide without stepping on the accelerator.

106. (2) 堆高機運送貨物時，貨物應保持 ①儘可能高，避免撞擊他人 ②儘可能低，以使能看清去處 ③高度與駕駛者視線同高 ④只離地約三公分間隙。

How far should the cargo be kept when the stacker transports it? ①as high as possible to avoid hitting others ②as low as possible so that you can see where you are going ③the height is the same as the driver's line of sight ④only about three centimeters clearance from the ground.

107. (1) 堆高機運送貨物時，堆高機駕駛應 ①注視運送路線之方向 ②不必注視貨物 ③另指派一人在堆高機前面指引行進方向 ④另指派一人在駕駛座旁指示方向。

When the stacker is transporting goods, what should the driver of the stacker do?? ①look at the direction of the transportation route ②no need to look at the goods ③another person is assigned to guide the direction of travel in front of the stacker ④another person is assigned to indicate the direction next to the driver's seat.

108. (3) 裝卸之貨物如不穩定，堆高機駕駛應 ①小心叉舉謹慎運送 ②指派一人站在貨叉上扶持 ③重新堆積 ④用繩子將貨物綁在貨叉上。

What should a forklift operator do if the cargo is unstable during handling? ①carefully lift and transport with caution ②assign someone to stand on the fork to support ③restack the cargo ④tie the cargo to the forks with a rope.

109. (2) 將貨物堆積在拖車時，堆高機駕駛應 ①檢查確認拖車與拖車頭已連結 ②檢查確認拖車輪胎已固定 ③先從拖車左側堆積 ④先從拖車右側堆積。

What should the driver of the stacker do when stacking goods on the trailer? ①check that the trailer and the trailer head are connected ②check that the trailer tires are fixed ③stack from the left side of the trailer first ④stack from the right side of the trailer first.

110. (4) 使用堆高機從事廂形貨車或拖車貨物裝載時，駕駛者應 ①檢查確認貨車或拖車兩側是穩固的 ②檢查確認貨車或拖車頂部是穩固的 ③檢查確認貨車或拖車車體是堅固的 ④檢查確認貨車或拖車停放之地面是安全的。

What should the driver do when using a stacker for cargo loading in a van or trailer? ①check that both sides of the truck or trailer are stable ②check that the top of the truck or trailer is stable ③check that the truck or trailer body is sturdy ④check that the ground where the truck or trailer is parked is safe.

111. (3) 使用堆高機舉起貨物時，駕駛者應確認 ①貨物在貨叉或拖板中央位置 ②貨物與桅桿平行 ③貨物重心位在貨叉或拖板中央 ④貨物與地面保持垂直。

When using a stacker to lift cargo, what should the driver confirm? ①the cargo is in the center of the shuttle or pallet ②the cargo is parallel to the mast ③the center of gravity of the cargo is in the center of the shuttle or pallet ④keep the cargo vertical to the ground.

112. (4) 貨物重量超過堆高機額定負荷時 ①得使用堆高機向前推 ②另派二人站在堆高機後方扶持 ③使用二部堆高機一起作業 ④可能的話，將其分為二部分，並分二次搬運。

When the weight of the cargo exceeds the rated load of the stacker, which of the following is correct? ①need to use a stacker to push forward ②send two others to stand behind the stacker to support ③use two stackers to work together ④if possible, divide it into two parts and split into two hauls.

113. (3) 堆高機裝卸中將貨物降低時，如快速停止將會引起何者之損害 ①貨叉 ②煞車系統 ③貨物與油壓系統 ④桅桿。

What damage can occur if stopped abruptly when lowering cargo during loading/unloading with a forklift? ①forks ②brake system ③cargo and hydraulic system ④mast.

114. (1) 堆高機運送貨物擋住駕駛者視線時，正確之安全程序為 ①後退駕駛，並注視路線方向 ②將頭偏向側邊，並設法注視貨物 ③將貨物舉高，使能從貨物下方獲得視線 ④不必另指派他人指示路線方向。

What is the correct safety procedure when the stacker transports goods that block the driver's sight? ①drive in reverse and keep an eye on the direction of the course ②tilt your head to the

side and try to keep an eye on the cargo ③elevate the cargo so that line of sight can be obtained from under the cargo ④it is not necessary to appoint another person to indicate the direction of the course.

115. (1) 堆高機處理貨物時，利用棧板將貨物裝卸、搬運等作業，其棧板桁板或桁樑之長方向尺寸稱為棧板 ①長度 ②寬度 ③高度 ④窄度。

When a forklift handles goods using pallets for loading, unloading, and transporting, the dimension of the pallet's stringer or beam along its length direction is referred to as the pallet's what? ①length ②width ③height ④narrowness.

116. (2) 堆高機處理貨物時，利用棧板將貨物裝卸、搬運等作業，其棧板桁板或桁樑長度垂直方向之尺寸稱為棧板 ①長度 ②寬度 ③高度 ④窄度。

When the stacker handles the goods, the pallet is used to load, unload, and carry the goods. What is the vertical dimension of the pallet truss or the length of the girder called the pallet? ①length ②width ③height ④narrowness.

117. (1) 停止的汽車突然向前開動，車內的人向後傾，此種現象稱為 ①慣性 ②離心力 ③加速度 ④摩擦力。

The stopped car suddenly moves forward and the people in the car lean backward. What is this phenomenon called? ①inertia ②centrifugal force ③acceleration ④friction.

118. (2) 物體為抵抗外力，在物體內所生成之內力稱為 ①負荷 ②應力 ③應變 ④動力。

In order for an object to resist external forces, what is the internal force generated in the object? ①load ②stress ③strain ④power.

119. (1) 堆高機之貨叉，放置堆積貨物時，加在貨叉之負荷方向、大小不變，即稱為 ①靜負荷 ②動負荷 ③衝擊負荷 ④剪斷負荷。

What is it called if the load applied to the forks remains unchanged in direction and magnitude when the forks of a forklift are placed under a stack of goods? ①static load ②dynamic load ③impact load ④shear load.

120. (3) 堆高機附屬裝置中，能確實夾住桶罐，發揮桶罐裝卸安全化的是 ①回轉柱棒 ②貨叉套 ③桶罐夾鉗 ④附有壓板之貨叉。

What can actually clamp the barrels and cans to make the loading and unloading of barrels and cans safe among the auxiliary devices of the stacker? ①slewing column bar ②shuttle sleeve ③bucket clamp ④shuttle with pressure plate.

121. (2) 堆高機利用棧板將貨物裝卸、搬運、保管、輸送等之作業方式稱為 ①裝載作業 ②棧板貨運 ③搬運作業 ④輸送作業。

What is the operation method of loading and unloading, handling, storage, and transportation of goods by the stacker using the pallet? ①loading operation ②pallet freight ③transport operations ④conveying operation.

122. (3) 搬運通道全線應予管制，不得作為人員休憩及物料、機具暫停之用，此種管理方式在搬運通道之境界線管理上稱為 ①自由化 ②明朗化 ③封閉化 ④權威化。

The entire conveyance channel should be controlled, and it shall not be used for personnel rest and the suspension of materials and machinery. What is this management method called in the management of the boundary line of the conveyance channel? ①liberalization ②lucidity ③enclosed ④authoritative.

123. (3) 下列何者不是安全儲運的方法 ①使用自動化裝置 ②使用警告標示及信號 ③完全以人力搬運 ④使用個人防護具。

Which of the following is not a safe storage and transportation method? ①use automated equipment ②use warning signs and signals ③fully manual handling ④use personal protective equipment.

124. (4) 操作堆高機堆積物料時，應特別注意 ①工作場所的整潔 ②消防設施是否正常 ③物料卡的標示 ④堆積的高度標示。

What should be paid special attention to when operating the stacker to pile up materials? ①cleanliness of the workplace ②whether the fire-fighting facilities are normal ③marking of the material card ④stack height indication.

125. (1) 堆積超量的物料，會產生首要危害的因素是 ①地板的安全負荷 ②管理的效率 ③堆高機操作人員的身心健康 ④通道的使用性。

What is the primary hazard of stacking excessive materials? ①safety load of the floor ②efficiency of management ③physical and mental health of the forklift operator ④usability of the passageway.

126. (3) 搬運大型可燃性固體物料時，應使用何種動力堆高機 ①液化石油氣引擎 ②電力 ③柴油引擎 ④人力。

What kind of power stacker should be used when handling large flammable solid materials? ①liquefied petroleum gas engine ②electricity ③diesel engine ④manpower.

127. (3) 堆積捲筒紙與線捲時，最安全的堆積形狀應為 ①正方形 ②長方型 ③金字塔型 ④六角型。


What is the safest stacking shape when stacking paper rolls or wire spools? ①square ②rectangle ③pyramid ④hexagon.

128. (4) 左圖表示貨物 ①禁止搬運 ②禁止堆積 ③禁止反轉 ④禁止滾動。




What does the safety label in the image indicate about handling the goods? ①no

handling ②no stacking ③no inversion ④no rolling.

129. (3) 搬運貨物時，看見貨物包裝上有  標示，則須注意該貨物 ①禁止堆高 ②禁止用貨叉推移 ③

禁止使用貨叉插入 ④禁止使用手推車。

When moving goods, if you see a mark  on the package of the goods, what do you have

to pay attention to? ①prohibition of stacking ②it is prohibited to use the shuttle to move ③it is forbidden to use the shuttle to insert ④the use of trolleys is prohibited.

130. (4) 貨物包裝標示有下圖標誌時，則表示該貨物 ①只能傾斜堆積 ②限制堆積三層 ③內裝六件物品 ④重心不穩定。



What does it mean for the goods when the package of goods is marked with the mark in the picture below? ①can only be stacked obliquely ②limit the accumulation to three layers ③six items inside ④unstable center of gravity .




131. (1) 裝運貨物若其包裝標有下圖之標誌時，則表示該貨物 ①重心位置 ②吊掛位置 ③拆箱位置 ④封箱位置。



If the package of the shipment is marked with the mark in the picture below, what does it mean for the goods? ①center of gravity position ②suspension position ③unboxing position ④sealing position .



132. (3) 貨物包裝標示有  標誌時，則表示該貨物 ①禁止擠推 ②堆放方向 ③夾持位置 ④受力方向。

What does it mean for the goods when the package of goods is marked with a mark



? ①pushing is prohibited ②stacking direction ③clamping position ④force

direction.

133. (3) 貨物包裝標示有下圖標誌時，則表示該貨物 ①禁止吊掛 ②禁止擠壓 ③禁用手鉤作業 ④禁用貨叉作業。



What does it mean for the goods when the package of goods is marked with the mark in the picture below? ①suspension is prohibited ②no squeezing ③prohibit the use of hand hook operation ④prohibit the use of shuttle operation .





134. (1) 裝運貨物若其包裝標有下圖標誌時，則表示該貨物 ①勿近熱源 ②保持溫度 ③防止日光直接照射 ④隔離常溫。



If the package of the shipment is marked with the mark in the picture below, what does it mean for the goods? ①keep away from heat sources ②maintain temperature ③prevent direct sunlight ④isolate room temperature .



135. (3) 貨物包裝標示有  標誌時，則表示該貨物 ①限用鋼索 ②限用鋼鍊 ③吊索位置 ④禁用鋼鍊。


What does it mean for the goods when the package of goods is marked with a mark  ? ①limited use of wire rope ②limited use of steel chain ③sling position ④prohibit the use of steel chain.

136. (1) 裝運貨物若其包裝標有下圖之標誌時，則表示該貨物 ①小心搬運 ②限用手搬 ③菱型物品 ④小心割手。




What does it indicate if the packaging of a cargo is marked with the symbol in the image? ①handle with care ②manual handling only ③rhomboid-shaped item ④handle carefully to avoid cuts .



137. (2) 裝運貨物若其包裝標有  標誌時，則表示該貨物 ①防水包裝 ②切勿受潮 ③內裝雨傘 ④禁



止雨天搬運。

If the package of the shipment is marked with a mark  , what does it mean for the



goods? ①waterproof packaging ②must not be damped ③umbrella inside ④transportation on rainy days is prohibited.

138. (2) 貨物包裝標示有下圖標誌時，則表示該貨物 ①堆積方向 ②此方向上 ③小心堆積 ④直立堆放。



When the package of goods is marked with the mark in the picture below, what does it mean for the goods? ①stacking direction ②this direction is up ③be careful when stacking ④stack

upright .



139. (3) 貨物包裝標示有下圖標誌時，則表示該貨物 ①內裝物品數量為十 ②限重十公斤 ③堆積層數極限為十 ④包裝紙層數為十。



When the package of goods is marked with the sign in the picture below, what does it mean for the goods? ①the number of items inside is ten ②the weight limit is ten kilograms ③the limit of the number of stacked layers is ten ④the number of wrapping paper layers is ten .



140. (2) 貨物包裝標示有下圖標誌時，則表示該貨物 ①貨物下層較重 ②溫度範圍極限 ③限用貨叉搬運 ④貨物重心不穩。



What does it mean for the goods when the package of goods is marked with the mark in the picture below? ①the lower level of the cargo is heavier ②temperature range limit ③limited use of shuttle handling ④the center of gravity of the cargo is unstable .



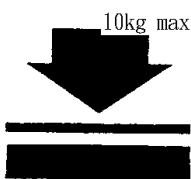
141. (2) 貨物包裝標示有下圖標誌時，則表示該貨物 ①內裝玻璃杯 ②為易碎物品 ③需小心搬運 ④勿受衝擊。



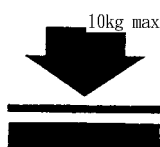
Goods packages marked with the picture below indicate that they ①have glasses inside ②are fragile items ③must be handled carefully ④must avoid impact .



142. (2) 下圖貨物包裝標示有標誌時，則表示該貨物 ①物品重量為十公斤 ②堆積重量極限為十公斤 ③耐重物衝擊力為十公斤 ④物品向下壓力為十公斤。



When the package of the goods in the picture below is marked with a mark, what does it mean for the goods? ①the weight of the item is ten kilograms ②the stacking weight limit is ten kilograms ③the impact resistance of heavy objects is ten kilograms ④the downward pressure of the article is ten kilograms .



143. (1) 有關堆高機作業之敘述下列何者不正確 ①雨天摩擦力變大 ②重心愈低愈安全 ③速度太快較容易翻覆 ④重量則因場所重力的情況而改變。

Which of the following statements about forklift operations is incorrect? ①friction increases in

rainy weather ②the lower the center of gravity, the safer ③higher speed increases the risk of overturning ④weight changes according to the gravity conditions of the location.

144. (1) 貨物包裝標示有商品條碼，其前三碼代表 ①國名 ②商品名 ③重量 ④數量。

The product package is marked with a product barcode. What do the first three codes represent? ①country name ②product name ③weight ④quantity.

145. (4) 一般工業包裝所使用的條碼為 ①商品條碼 ②數量碼 ③重量碼 ④配銷條碼。

What are the barcodes used in general industrial packaging? ①product barcode ②quantity code ③weight code ④distribution barcode.

146. (2) 為使大量貨物有效分類及識別的方法之一，是使用 ①用筆標註 ②條碼 ③透明材料包裝 ④用油漆標註。

What method is used to effectively classify and identify a large number of goods? ①marking with a pen ②barcode ③transparent material packaging ④marking with paint.

147. (3) 代表中華民國商品的條碼數字是 ①886 ②490 ③471 ④718。

What is the barcode number representing the products of the Republic of China? ①886 ②490 ③471 ④718.

148. (4) 在貨物運輸途中為保護產品所做的包裝稱為 ①商業包裝 ②消費包裝 ③內包裝 ④工業包裝。

What is the name of the packaging made to protect the product during the transportation of the goods? ①commercial packaging ②consumption packaging ③interior packaging ④industrial packaging.

149. (3) 下列何者包裝不屬於工業包裝 ①運輸包裝 ②外包裝 ③個包裝 ④捆包。

Which of the following packaging is not industrial packaging? ①shipping packaging ②outer packaging ③individual packaging ④bales packaging.

150. (4) 將物品各個分別加以包裝，以提高商品價值的包裝是 ①運輸包裝 ②外包裝 ③內包裝 ④個包裝。

What is the packaging that packs items separately to increase the value of the product? ①shipping packaging ②outer packaging ③interior packaging ④item packaging.

151. (1) 對水份、濕氣、光、熱、衝擊等外在破壞因素加以防護的包裝是 ①內包裝 ②銷售包裝 ③外包裝 ④個包裝。

What is the packaging that protects against external damage factors such as moisture, humidity, light, heat, impact, etc.? ①interior packaging ②sales packaging ③outer packaging ④item packaging.

152. (3) 將物品盛裝在箱、袋、桶等容器中並捆紮、標示的包裝是 ①個包裝 ②銷售包裝 ③外包裝 ④商業包裝。

What is the packaging that packs items in boxes, bags, barrels and other containers, bundles them, and marks them? ①item packaging ②sales packaging ③outer packaging ④commercial packaging.

153. (3) 依據 CNS 包裝分類為 ①散裝、內裝、外裝 ②個裝、內裝、整裝 ③個裝、內裝、外裝 ④個裝、分裝、外裝。

What is the classification according to CNS packaging? ①bulk, interior packaging, exterior packaging ②item packaging, interior packaging, package supply ③item packaging, interior packaging, exterior packaging ④item packaging, breaking bulk, exterior packaging.

154. (4) 下列何者不是完整包裝應具備的功能 ①保護內容物 ②便於搬運 ③促進銷售 ④防止偷竊。

Which of the following is not a function that a complete package should have? ①protect the contents ②easy to carry ③promote sales ④prevent theft.

155. (4) 在包裝分類上所稱“第四次包裝”是指 ①個包裝 ②中間包裝 ③外包裝 ④運送物品的車輛、船舶、航空器。

What is meant by the "fourth packaging" in the packaging classification? ①item packaging ②intermediate packaging ③outer packaging ④vehicles, ships, aircrafts that transport goods.

156. (3) 在包裝分類上所稱“第三次包裝”是指 ①個包裝 ②中間包裝 ③外包裝 ④商業包裝。

What is meant by the "third packaging" in the packaging classification? ①item packaging ②intermediate packaging ③outer packaging ④commercial packaging.

157. (2) 在包裝分類上所稱“第二次包裝”是指 ①個包裝 ②中間包裝 ③外包裝 ④商業包裝。

What does the term "secondary packaging" refer to in the packaging classification? ①item packaging ②intermediate packaging ③exterior packaging ④commercial packaging.

158. (1) 在包裝分類上所稱“第一次包裝”是指 ①個包裝 ②中間包裝 ③外包裝 ④商業包裝。

What is meant by "first packaging" in the packaging classification? ①item packaging ②intermediate packaging ③exterior packaging ④commercial packaging.

159. (3) 工業包裝中最常用的包裝材料是 ①木材 ②塑膠材 ③瓦楞紙 ④金屬材。

What are the most commonly used packaging materials in industrial packaging? ①woods ②plastic materials ③corrugated paper ④metal materials.

160. (1) 堆高機手煞車正確使用時機為 ①駐車及上坡起步時 ②減速時 ③下坡時 ④更改行駛方向時。

When is the correct time to use the stacker handbrake? ①when parking and starting uphill ②during deceleration ③when going downhill ④when changing the driving direction.

161. (2) 堆高機使用低速檔時機為 ①空車時 ②荷重物起步及倒退行駛時 ③直線行駛時 ④無限制。

When does the stacker use the low gear? ①when the car is empty ②when starting and driving backwards with a load ③when driving straight ④unlimited.

162. (4) 堆高機使用高速檔時機為 ①倒退行駛時 ②荷重物起步時 ③轉彎時 ④空車且無安全顧慮直線行駛時。

When is the high gear used for the stacker? ①when driving backwards ②when starting with a load ③when turning ④when the vehicle is empty and driving straight without safety concerns.

163. (2) 操作液壓排檔堆高機如需向前行駛必須將方向排桿排入 ①N(空檔) ②F(前進檔) ③R(倒車檔) ④P(駐車檔)。

To operate the hydraulic gearshift stacker, what gear must the direction lever be shifted to if you need to drive forward? ①N (neutral gear) ②F (forward gear) ③R (reverse gear) ④P (parking gear).

164. (4) 操作液壓排檔堆高機於裝卸貨物時必須同時使用的行駛裝置是 ①油門與手煞車 ②油門與腳煞車 ③手煞車與吋動踏板 ④油門與吋動踏板。

What is the driving device that must be used to operate the hydraulic shift stacker when loading and unloading goods? ①throttle and handbrake ②throttle and foot brake ③handbrake and inching pedal ④throttle and inching pedal.

165. (1) 操作液壓排檔堆高機時，如需同時上揚貨叉又需將堆高機前進，必須同時控制的裝置是 ①貨叉升降控制桿、油門、吋動踏板 ②油門、手煞車、吋動踏板 ③貨叉升降控制桿、油門、手煞車 ④貨叉升降控制桿、油門、腳煞車。

If you need to raise the forks while moving the forklift forward when operating a hydraulic transmission forklift. Which controls must be used simultaneously? ①fork lift control lever, throttle, inching pedal ②throttle, handbrake, inching pedal ③fork lift control lever, throttle, handbrake ④fork lift control lever, throttle, foot brake.

166. (1) 堆高機變換行駛方向時，操作程式中必須注意事項 ①必須等到堆高機完全停止後，才可扳動液壓排檔桿 ②不須等堆高機完全停止，可立即扳動液壓排檔桿 ③必須等到堆高機完全停止後，拉起手煞車，才可扳動液壓排檔桿 ④將油門鬆開後，立即扳動液壓排檔桿。

When the stacker changes its driving direction, what must be paid attention to in the operation program? ①you must wait until the stacker is completely stopped before you can move the hydraulic gear lever ②it is not necessary to wait for the stacker to stop completely, and the hydraulic gear lever can be moved immediately ③after the stacker is completely stopped, pull up the hand brake before pulling the hydraulic gear lever ④after releasing the throttle, immediately move the hydraulic gear lever.

167. (4) 叉取貨物時，若貨叉未完全插入棧板，會有何種影響行車安全狀況？ ①迴轉半徑變小 ②車身寬度變大 ③車身長變小 ④車身長變大。

When picking up the goods, if the shuttle is not fully inserted into the pallet, how will it affect driving safety? ①the radius of gyration becomes smaller ②the width of the body becomes larger ③the body length becomes smaller ④the body length becomes larger.

168. (3) 堆高機接近貨物時，應以何種操作動作停止堆高機移動？ ①拉起手煞車，使堆高機停止 ②鬆開油門，使用堆高機慣性碰撞貨物棧板方式停車 ③鬆開油門，輕踩煞車 ④鬆開油門，重踩吋動踏板。

What operational action should be used to stop a forklift when approaching a load? ①pull up the hand brake to stop the forklift ②release the accelerator, using forklift's momentum to collide with pallet ③release the accelerator, gently apply brakes ④release the accelerator, firmly press the inching pedal.

169. (1) 貨叉伸入棧板底部前，應注意 ①貨叉是否與棧板平行 ②手煞車是否已拉起作動 ③方向排檔桿是否已位於空檔位置 ④車速是否已超過速限值。

What should you pay attention to before the shuttle reaches the bottom of the pallet? ①whether the shuttle is parallel to the pallet ②whether the handbrake is activated ③whether the direction gear lever is in the neutral position ④whether the vehicle speed has exceeded the speed limit.

170. (3) 堆高機裝卸貨物行駛中，一般原則應將桅桿保持何種位置？ ①垂直 ②前傾 ③後傾 ④最大前傾。

What is the general principle for the mast position during the loading and unloading of goods while driving a forklift? ①vertical ②forward tilt ③backward tilt ④maximum forward tilt.

171. (1) 堆高機接近停車區，車行速度過高時，應以何種方式減速 ①以右腳踩下煞車 ②拉起手煞車 ③鬆開油門，拉起手煞車減速 ④以左腳輕踩吋動踏板。

When the stacker is approaching the parking area and the speed of the vehicle is too high, how should it slow down? ①step on the brake with your right foot ②pull up the handbrake ③release the accelerator and pull up the handbrake to slow down ④lightly step on the inching pedal with your left foot.

172. (4) 堆高機必須以倒車方式右轉行駛，方向盤應向何種方向旋轉 ①順時鐘 ②逆時鐘 ③不動 ④必須視後輪轉向位置決定。

The stacker must turn right in reverse mode. In which direction should the steering wheel rotate? ①clockwise ②counterclockwise ③do not move ④it must be determined by the steering position of the rear wheels.

173. (4) 堆高機載物或無負載行駛中，貨叉高度與桅桿傾斜度 ①可以任意調整貨叉高度與桅桿傾斜度 ②僅可以調整貨叉高度 ③僅可以調整桅桿傾斜度 ④禁止任意調整貨叉高度與桅桿傾斜度。

What can you do with the height of the shuttle and the inclination of the mast when traveling in a stacker with or without load? ①the height of the shuttle and the inclination of the mast can be adjusted arbitrarily ②only the shuttle height can be adjusted ③only the inclination of the mast can be adjusted ④it is prohibited to arbitrarily adjust the height of the shuttle and the inclination of the mast.

174. (3) 堆高機進行貨物堆疊作業時，正確程式是 ①先將貨叉前傾，等貨叉完全進入棧板後，再將貨叉後傾 ②先將貨叉調整至水平，等貨叉完全進入棧板後，再將貨叉後傾 ③先將貨叉調整至水平，等貨叉完全進入棧板後，再將貨叉升起並後傾 ④先將貨叉前傾，等貨叉完全進入棧板後，再將貨叉保持水平。

What is the correct procedure when the stacker is stacking goods? ①tilt the shuttle forward first, wait for the shuttle to fully enter the pallet, and then tilt the shuttle backward ②first adjust the shuttle to a level, wait for the shuttle to fully enter the pallet, and then tilt the shuttle backward ③first adjust the shuttle to a level, wait for the shuttle to fully enter the pallet, and then raise the shuttle and tilt it backward ④tilt the shuttle forward first, wait for the shuttle to fully enter the pallet, and then keep the shuttle horizontal.

175. (2) 堆高機進行貨物堆疊作業時，若上層堆放貨物未與下方貨物棧板對齊時，正確處理程式 ①應用貨叉前端將上層貨物拖回 ②重新將上層堆放貨物舉起再次堆放 ③不予理會 ④使用貨叉將上層堆放貨物頂回。

When the stacker is performing cargo stacking operations, what is the correct processing procedure if the upper stacking cargo is not aligned with the lower cargo pallet? ①use the front end of the shuttle to drag the upper cargo back ②re-lift the upper stack of goods and stack again ③ignore it ④use shuttles to push back the upper stack of goods.

176. (1) 堆高機進行貨物堆疊作業時，若要堆疊整齊，堆高機操作人員必須 ①低速行駛下操作 ②高速行駛下操作 ③以人力搬運方式堆放 ④使用起重機吊運。

When the stacker is stacking goods, what must the stacker operator do if it is to be stacked neatly? ①operate at low speed ②operate at high speed ③stack by manual handling ④use a crane to lift.

177. (1) 操作液壓變速堆高機進行裝卸貨物時，必須使用的行駛裝置 ①吋動踏板 ②手煞車 ③旋轉警示燈 ④離合器。

What is the driving device that must be used when operating the hydraulic variable speed stacker for loading and unloading goods? ①inching pedal ②handbrake ③rotating warning light ④clutch.

178. (1) 操作堆高機進行並排貨物裝卸作業時，堆高機操作人員應目視於 ①預備裝卸貨物目標區 ②前方地面道路標線 ③遠方載運卡車 ④前方廠區牆壁安全警語。

When operating the stacker for side-by-side cargo loading and unloading operations, where should the stacker operator look at? ①the target area preparing for loading and unloading cargo ②road markings on the ground ahead ③faraway carrying truck ④safety warnings on the front wall of the factory.

179. (2) 行駛液壓變速堆高機，且同時使貨叉上升，不會使用何種裝置 ①吋動踏板 ②煞車踏板 ③油門踏板 ④貨叉控制桿。

What kind of device will not be used when driving a hydraulic variable-speed stacker and raising the shuttle at the same time? ①inching pedal ②brake pedal ③accelerator pedal ④shuttle control lever.

180. (3) 堆高機裝卸貨物作業時，應注意棧板兩側其他貨物，避免擦撞最好方法 ①高速行駛 ②低速 S 型行駛 ③保持安全距離低速行駛 ④忽快忽慢任意行駛。

When loading and unloading goods on the stacker, pay attention to other goods on both sides of the pallet. What is the best way to avoid collisions? ①driving at high speed ②S-type driving at low speed ③keep a safe distance and drive at low speed ④drive quickly and slowly at will.

181. (2) 堆高機於兩排貨物中間直行時，下列何種操作程式為正確 ①為避免碰撞兩側貨物，可以將貨物高舉下運行 ②為避免碰撞兩側貨物，禁止將貨物高舉下運行 ③禁止將貨物高舉下運行，但可以碰撞兩側貨物 ④可以將貨物高舉下運行，也可以碰撞兩側貨物。

When the stacker moves straight between two rows of goods, which of the following operating procedures is correct? ①to avoid collision with the cargo on both sides, the cargo can be lifted high while running ②to avoid collision with the cargo on both sides, it is forbidden to lift the cargo high while running ③it is forbidden to lift the cargo high while running, but it can collide with the cargo on both sides ④the cargo can be lifted high while running, or it can collide with the cargo on both sides.

182. (3) 液壓變速堆高機裝卸貨物時，必須使用的控制機構為 ①煞車踏板 ②手煞車 ③吋動踏板 ④方向盤。

What is the control mechanism that must be used when the hydraulic variable speed stacker loads and unloads goods? ①brake pedal ②handbrake ③inching pedal ④steering wheel.

183. (3) 下列何者不是改變堆高機行駛方向的機構 ①方向盤 ②倒車排檔桿 ③速度排檔桿 ④前進排檔桿。

Which of the following is not a mechanism to change the direction of the stacker? ①steering wheel ②reversing gear lever ③speed gear lever ④forward gear lever.

184. (1) 堆高機倒車作業時，若發現車身左側已接近左側貨堆，正確處理程式 ①應繼續倒車行駛並轉動方向盤修正方向 ②踩下油門迅速將堆高機駛離現場 ③立即停車 ④無需進行應變措施，不予理會。

When the stacker is reversing, if it is found that the left side of the vehicle is close to the left side of the stack, what is the correct processing procedure? ①continue to reverse and turn the steering wheel to correct the direction ②step on the accelerator to quickly drive the stacker away from the scene ③stop immediately ④there is no need to take contingency measures and ignore it.

185. (2) 堆高機裝卸貨物時，貨物棧板未到定位，下列何者敘述正確？ ①可以貨叉輕推棧板至定位 ②禁止使用貨叉輕推棧板至定位 ③不需理會，順其自然 ④踩下油門迅速將堆高機駛離現場。

When the stacker is loading and unloading cargo, the cargo pallet is not in position. Which of the following is correct? ①the shuttle can gently push the pallet to the position ②it is

forbidden to use the shuttle to gently push the pallet to its position ③ignore it and go with the flow ④step on the accelerator to quickly drive the stacker away from the scene.

186. (1) 載物前進或倒車行駛於兩排貨物中間區時，必須保持堆高機何種行駛方向？ ①注意保持堆高機直行方向 ②注意保持堆高機 S 行方向 ③注意保持堆高機 Z 行方向 ④注意保持堆高機 O 行方向。

When the load is moving forward or backward in the middle area of two rows of goods, which direction of travel must the stacker be maintained? ①pay attention to keep the stacker in the straight direction ②pay attention to keep the stacker in the S direction ③pay attention to keep the stacker in the Z direction ④pay attention to keep the stacker in the O direction.

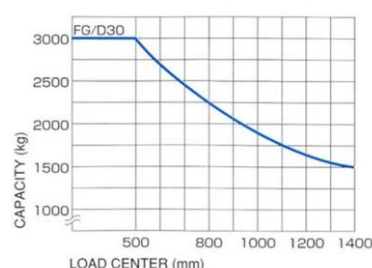
187. (1) 堆高機要放置貨物時應 ①先前傾成水平再下降 ②先下降再前傾成水平 ③下降與前傾同時操作 ④下降與前傾先後無關。

What should you do when the stacker wants to place goods? ①forward tilt to the level before descending ②descend first and then forward tilt to the level ③simultaneous operation of descending and forward tilting ④descending has nothing to do with forward tilting.

188. (3) 為防止升高貨叉上之貨物滑落，應使後扶架(back rest) ①前傾 ②中立 ③後傾 ④保持原狀。

What posture should the back rest maintain in order to prevent the cargo on the lifting shuttle from sliding? ①lean forward ②neutral ③lean backward ④keep the original status.

189. (4) 下圖堆高機荷重圖中，如荷載中心位於 80 公分位置時，其限制荷重為 ①1500 kg ②1750 kg ③2000 kg ④2250 kg。



What is the load limit when the load center is positioned at 80 cm in the forklift load chart? ①1500 kg ②1750 kg ③2000 kg ④2250 kg.

190. (1) 有一生產礦泉水工廠，若使用長寬高各為 1 公尺灌滿礦泉水之方形塑膠桶至分裝場，該廠應選用荷重多少公斤堆高機最為合適 ①1500 kg ②2500 kg ③3500 kg ④4500 kg。

If a mineral water factory is transporting square shape plastic buckets with 1 meter in length, width, and height that filled with mineral water to the packaging site, which of the following kilogram of loadings for stackers is the most suitable for it? ①1500 kg ②2500 kg ③3500 kg ④4500 kg.

191. (2) 於有揮發性氣體的工廠需使用 ①引擎式 ②防爆型 ③電動式 ④LPG 堆高機。

What kind of stacker should be used in factories with volatile gas? ①engine type ②explosion-proof type ③electric type ④LPG.

192. (3) 依 CNS 標準 5 噸以上堆高機的基準負載(承重)中心為 ①400 ②500 ③600 ④550 mm。

What is the baseline load center for forklifts with a capacity of over 5 tons (in millimeters) according to CNS standards? ①400 ②500 ③600 ④550.

193. (2) 下列何者不是堆高機的工作機能 ①裝卸貨物 ②載人高空作業 ③搬運貨物 ④叉貨取貨。

Which of the following is not the working function of the stacker? ①loading and unloading cargo ②manned aerial operations ③carrying cargo ④fork pickup.

194. (2) 堆高機在坡道行駛時 ①將負荷抬高後退上坡 ②將負荷抬高倒退下坡 ③放開煞車快速下坡 ④使用衝力快速上坡。

When the stacker is driving on a ramp, which one is correct? ①raise the load and reverse uphill ②raise the load and reverse downhill ③release the brake and go downhill quickly ④use momentum to go uphill quickly.

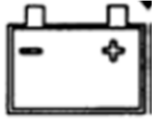
195. (2) 下列何者不是安全的堆高機作業 ①踩煞車慢慢下坡 ②載人以縮短工時 ③後退起步時注意後方有無人員 ④注意貨物是否捆綁牢固。

Which of the following is not a safe stacker operation? ①step on the brake and slowly go downhill ②manned to shorten working hours ③pay attention to the presence of people behind when starting backward ④pay attention to whether the goods are bound firmly.

196. (1) 堆高機駛入限高或限寬地方作業時，何者是不安全的 ①不管空間是否足夠快速通過 ②注意內外其他障礙物 ③不要將頭手腳伸出駕駛艙或頂護架之外 ④確保足夠空間通過。

Which of the following is unsafe when the stacker is operating in a height or width limit area?
①pass quickly regardless of whether the space is sufficient ②pay attention to other obstacles inside and outside ③do not stick your head, hands and feet out of the cockpit or roof guard ④ensure enough space to pass.

197. (2) 如下圖，電動堆高機儀錶板亮起是表示 ①電量不足 ②電解液液位不足 ③電池損壞 ④充電器故障。



What does the indicator light on the electric forklift dashboard signify as shown in the image?
①low battery ②low electrolyte level ③battery damage ④charger malfunction .



198. (4) 如下圖，電動堆高機儀錶板亮起是表示 ①手煞車放開 ②人員就座 ③電池損壞 ④手煞車作動。



As shown in the figure below, what does the dashboard of the electric stacker light up mean?
①release the handbrake ②all personnel are seated ③the battery is damaged ④handbrake actuation .



199. (2) 操作電動堆高機，當加速踏板踩下量越大則 ①行駛速度下降 ②行駛速度提高 ③電磁煞車力不變 ④電磁煞車力減少。

What happens when the accelerator pedal is pressed down further when operating an electric forklift? ①driving speed decreases ②driving speed increases ③electromagnetic braking force remains unchanged ④electromagnetic braking force decreases.

200. (1) 堆高機液壓油量不足時 ①選擇正確的規格補足 ②可混合不同級別油品添加 ③只要相同品牌多可添加 ④等堆高機故障通知製造商修理。

What should be done when the hydraulic oil level of a forklift is insufficient? ①choose the correct specification to refill ②it is permissible to mix different grades of oil ③you can add as long as it is the same brand ④wait for a malfunction notification and contact the manufacturer for repair.

201. (1) 檢查堆高機鏈條的變形量，需將貨叉架提高 ①10~15 ②15~20 ③30~40 ④25~30 mm。

How much should the forks be raised (in millimeters) to check the deformation of the forklift chain? ①10~15 ②15~20 ③30~40 ④25~30 mm.

202. (2) 負載(承重)中心變大，堆高機叉舉能力 ①變大 ②變小 ③不變 ④無關。

When the load (load-bearing) center becomes larger, what will the forklift capacity of the stacker be like? ①get bigger ②get smaller ③unchanged ④irrelevant.

203. (4) 堆高機穿越十字路口時 ①直接通過 ②快速通過 ③慢速鳴笛通過 ④停車再鳴笛後通過。

When the stacker crosses an intersection, what should it do? ①pass directly ②pass quickly ③pass slowly while honking the horn ④stop and pass after honking the horn.

204. (1) 堆高機引擎的動力單位中 HP 係指 ①英國 ②中國 ③美國 ④法國 馬力。

Which country's horsepower does HP refer to in the power unit of a stacker engine? ①British ②Chinese ③American ④French.

205. (4) 堆高機引擎燃燒行程所需的空氣，吸入氣缸時，係藉由下列何種物件予以過濾塵埃、防止氣缸、活塞受到磨耗 ①增壓器 ②濾油器 ③機油濾芯 ④空氣濾清器。

When the air required for the combustion stroke of the stacker engine is sucked into the

cylinder, which of the following is used to filter the dust and prevent the cylinder and piston from being worn? ①supercharger ②oil filter ③oil filter element ④air filter.

206. (3) 堆高機之引擎作動活塞在上死點與下死點間的移動距離稱為 ①壓縮比 ②排氣量 ③行程 ④缸徑。
What is the moving distance between the top dead center and the bottom dead center of the stacker's engine actuating piston called? ①compression ratio ②displacement ③stroke ④bore.

207. (2) 柴油堆高機引擎構造中，將活塞的往復運動傳達至曲軸的機件為 ①搖臂 ②連桿 ③凸輪軸 ④正時齒輪。

In the structure of a diesel stacker engine, what is the machine part that transmits the reciprocating motion of the piston to the crankshaft? ①pitman arm ②connecting lever ③camshaft ④timing gear.

208. (3) 10 立方公尺的容器裝滿純水時其重量(容器重量不計)約為多少公噸 ①0.1 ②1 ③10 ④100。
How many tons of weight (excluding the weight of the container) does a 10 m³ container have when filled with pure water? ①0.1 ②1 ③10 ④100.

209. (2) 堆高機作業及指揮人員必須熟悉最常用的指揮方式為 ①口令 ②手勢 ③旗號 ④哨音。
Which most commonly used command method must stacker operation and command personnel be familiar with? ①watchword ②gesture ③banner ④whistle.

210. (4) 堆高機操作安全考量原則上在風速超過多少時應考慮停止作業？ ①5 ②10 ③20 ④30 公里/小時。

In principle, how much wind speed should the stacker be considered to stop the operation for operational safety considerations? ①5 ②10 ③20 ④30 km/h.

211. (3) 堆高機引擎運轉中充電發電機正常時，電瓶充電警示燈會 ①亮光 ②閃光 ③熄滅 ④有時亮光、有時熄滅。

What happens to the battery charging warning light when the charging generator is normal while the stacker engine is running? ①light ②flash ③blank out ④Sometimes it lights up, sometimes it goes out.

212. (3) 下列各項何者為估測荷件重量及叉舉的條件 ①體積、比重、質量、形狀 ②體積、比重、質量、重心 ③體積、比重、重心、形狀 ④質量、比重、重心、形狀。
Which of the following are the conditions for estimating the weight of the load and the forklift? ①volume, specific gravity, mass, shape ②volume, specific gravity, mass, center of gravity ③volume, specific gravity, center of gravity, shape ④mass, specific gravity, center of gravity, shape.

213. (2) 下列敘述，何者正確？ ①重心愈低，穩度愈差 ②重心愈低，穩度愈佳 ③重心愈高，穩度愈佳 ④重心與穩度無關。

Which of the following statements is correct? ①the lower the center of gravity, the worse the stability ②the lower the center of gravity, the better the stability ③the higher the center of gravity, the better the stability ④the center of gravity has nothing to do with stability.

214. (2) 堆高機作業人員在明知過負荷或有潛在危險的狀況下應 ①在指揮人員的指揮下繼續作業 ②立即停止作業 ③集中精神謹慎作業 ④向業主報告後再繼續作業。

What should the stacker operator do when he knows that it is overloaded or potentially dangerous? ①continue to operate under the command of the commander ②stop operation immediately ③concentrate and work carefully ④continue to work after reporting to the owner.

215. (2) 四行程柴油堆高機引擎，活塞於上死點時，氣缸內的容積等於 ①活塞位移容積 ②燃燒室容積 ③總排氣量的四分之一 ④總排氣量。

What is the volume inside the cylinder equal to when the piston is at top dead center in a four-stroke diesel forklift engine? ①piston displacement volume ②combustion chamber volume ③one quarter of the total displacement volume ④total displacement volume.

216. (1) 有關氣冷式柴油堆高機引擎的構造，下列何者正確？ ①氣缸無水套 ②氣缸有水套 ③無風扇 ④有水泵。

Which of the following is correct regarding the construction of an air-cooled diesel stacker engine? ①cylinder without water jacket ②cylinder with water jacket ③without fan ④with water pump.

217. (1) 堆高機之液壓油在下列何種目視檢查狀況下仍可經檢驗黏度正常後繼續使用 ①透明中微有色彩 ②變成乳白色 ③變成黑褐色 ④有泡沫產生。
Under which of the following visual inspection conditions can the hydraulic oil of the stacker still be used after the viscosity is normal? ①transparent and slightly colored ②becomes milky white ③turns dark brown ④there is foam.
218. (2) 影響物質絕緣性能最大的是： ①溫度 ②電壓 ③純度 ④濕度。
What is the biggest influence on the insulation performance of a material? ①temperature ②voltage ③purity ④humidity.
219. (3) 物體絕緣性能會隨著何種因素而改變 ①坡度 ②梯度 ③濕度 ④硬度。
What factors change the insulation performance of an object? ①slope ②gradient ③humidity ④hardness.
220. (4) 下列何種物質的絕緣性能最好？ ①棉紗 ②紙 ③木材 ④電木。
Which of the following substances has the best insulation performance? ①cotton yarn ②paper ③wood ④bakelite.
221. (1) 1 馬力等於多少 kgf-m/s？ ①75 ②102 ③362 ④746。
How many kgf-m/s is equal to 1 horsepower? ①75 ②102 ③362 ④746.
222. (2) 當柴油進入柴油堆高機引擎之燃燒室時，應先使其 ①氧化 ②霧化 ③加熱 ④冷卻。
When diesel fuel enters the combustion chamber of a diesel stacker engine, what should be done first? ①oxidation ②atomization ③heating ④cooling.
223. (4) 堆高機機油量不足時，補充機油應選用 ①任何機油無所謂 ②同一廠牌 ③同一機油號數 ④同一廠牌及機油號數。
When the amount of oil in the stacker is insufficient, what should be used to supplement the oil? ①any engine oil doesn't matter ②the same brand ③the same engine oil number ④the same brand and engine oil number.
224. (1) 我們用手提貨物時，有受力的感覺，這種力的來源就是 ①地心引力 ②拉力 ③壓力 ④扭力。
When we lift the goods with our hands, we have a feeling of force. What is the source of this force? ①gravity ②tension ③pressure ④torque.
225. (3) 1 公升的容積等於若干立方公分 ①10 ②100 ③1000 ④10000。
How many cubic centimeters is the volume of 1 liter? ①10 ②100 ③1000 ④10000.
226. (4) 電動堆高機其動力之能源為 ①汽油 ②柴油 ③液化石油氣 ④蓄電池。
What is the power source of the electric stacker? ①gasoline ②diesel ③liquefied petroleum gas ④battery.
227. (2) 堆高機依機能分類，貨叉或桅桿可前後移動者為 ①配衡式堆高機 ②伸縮式堆高機 ③擇貨式堆高機 ④側舉式堆高機。
Stackers are classified according to their functions. Which stacker is the shuttle or mast that can move forward and backward? ①counterbalance lift truck ②reach lift truck ③order picking lift truck ④side loading lift truck.
228. (3) 堆高機依機能分類，貨物裝卸裝置與操作台同時移動為 ①配衡式堆高機 ②伸縮式堆高機 ③擇貨式堆高機 ④側舉式堆高機。
Which type of forklift has both the cargo handling device and the control panel move simultaneously according to its function classification? ①counterbalance forklift ②telescopic forklift ③selective forklift ④side lift forklift.
229. (2) 堆高機使用油壓機構來操作的附屬裝置，適合搬運原木、亦可用於托（棧）板作業及鏟斗，為何種貨叉 ①迴轉貨叉 ②鉸鍊貨叉 ③側移貨叉 ④附壓板之貨叉。
The stacker is an accessory device operated by the hydraulic mechanism, which is suitable for handling logs, and can also be used for pallet (stack) operations and dippers. What kind of shuttle is it? ①gyroscopic shuttle ②hinged shuttle ③sideshift shuttle ④shuttle with pressure plate.
230. (3) 堆高機使用油壓機構來操作的附屬裝置，貨叉可左右移動，方便作業，為何種貨叉 ①迴轉貨叉 ②鉸鍊貨叉 ③側移貨叉 ④附壓板之貨叉。
The stacker is an auxiliary device operated by the hydraulic mechanism. The shuttle can move

left and right, which is convenient for operation. What kind of shuttle is it? ①gyroscopic shuttle ②hinged shuttle ③sideshift shuttle ④shuttle with pressure plate.

231. (1) 堆高機使用油壓機構來操作的附屬裝置，貨叉可做角度之旋轉以利散裝貨物卸出，為何種貨叉 ①迴轉貨叉 ②鉸鍊貨叉 ③側移貨叉 ④附壓板之貨叉。

The stacker is an auxiliary device operated by the hydraulic mechanism. The shuttle can be rotated at an angle to facilitate the unloading of bulk goods. What kind of shuttle is it? ① gyroscopic shuttle ②hinged shuttle ③sideshift shuttle ④shuttle with pressure plate.

232. (4) 堆高機使用油壓機構來操作的附屬裝置，可將貨物壓緊，增加貨物於貨叉上的穩定性，為何種貨叉？ ①迴轉貨叉 ②鉸鍊貨叉 ③側移貨叉 ④附壓板之貨叉。

The stacker is an accessory device operated by the hydraulic mechanism, which can compress the cargo and increase the stability of the cargo on the shuttle. What kind of shuttle is it? ① gyroscopic shuttle ②hinged shuttle ③sideshift shuttle ④shuttle with pressure plate.

233. (1) 將貨物裝載在同一張托板上時，貨物全部向同一方向予以排列，而偶數層之配列亦與單數層之排列相同，此種堆疊排列方法為 ①方塊式堆疊法 ②交互排列式堆疊法 ③風車形堆疊法 ④砌磚式堆疊法。

When loading the goods on the same pallet, all the goods are arranged in the same direction, and the arrangement of the even-numbered layers is also the same as the arrangement of the odd-numbered layers. What is this stacking arrangement method? ①block stacking method ② alternately arranged stacking method ③pinwheel stacking method ④brick-laying stacking method.

234. (4) 堆高機於斜坡作業操作時於斜坡上行進，當在陡峭的斜坡上欲下坡時何者為非 ①切勿關掉引擎 ②切勿改變速度 ③切勿作任何轉彎 ④可橫越斜坡行進。

When the stacker is operating on a slope, it travels on a slope. What is wrong when it is going downhill on a steep slope? ①never turn off the engine ②never change the speed ③never make any turns ④can travel across slopes.

235. (1) 堆高機於斜坡作業操作時於斜坡上行進，當在陡峭的斜坡上欲下坡時何者為非？ ①可以關掉引擎滑行 ②切勿改變速度 ③切勿作任何轉彎 ④切勿橫越斜坡行進。

What action is incorrect when operating a forklift on a slope and descending a steep slope? ① can coast with engine off ②do not change speed ③do not make any turns ④do not cross the slope sideways.

236. (1) 堆高機滿載行駛時，其合成重心靠後 ①有利於縱向穩定 ②有利於橫向穩定 ③縱向穩定和橫向穩定均有利 ④縱向穩定與橫向穩定沒有影響。

When the stacker is traveling with a full load and its synthetic center of gravity is at the back: ①It's good for longitudinal stability ②It's good for lateral stability ③It's good for both longitudinal stability and lateral stability ④It has no impact on neither longitudinal stability nor lateral stability.

237. (3) 堆高機的頂棚是保護 ①貨物 ②地面人員 ③操作人員 ④管理人員。

What does the head living of the stacker protect? ①goods ②ground personnel ③operator ④ administrator.

238. (3) 堆高機裝載貨物，其貨物高度越高越 ①安全 ②穩定性越好 ③穩定性越差 ④與安全及穩定性無關。

The stacker loads goods, the higher the height of the goods, how will it be? ①safe ②the better the stability ③the worse the stability ④not related to safety and stability.

239. (2) 於顛簸地面裝卸貨物最安全措施是 ①移地作業 ②慢速行駛與綁緊貨物 ③放棄作業 ④快速完成作業。

What is the safest measure when loading or unloading goods on bumpy ground? ①relocate the operation ②drive slowly and secure the goods ③abandon the operation ④complete the operation quickly.

240. (3) 堆高機載有貨物行駛中突然停止，貨叉上貨物受何力易發生貨物傾倒現象 ①重力 ②靜力 ③慣性力 ④離心力。

What force is the cargo on the shuttle prone to dumping when the stacker suddenly stops while carrying cargo? ①gravity ②static force ③inertial force ④centrifugal force.

241. (2) 裝卸場所地面有凹陷時，堆高機較易發生 ①撞擊 ②翻倒 ③側滑 ④震動。
What is more likely to happen to the stacker when the ground of the loading and unloading site is sunken? ①impact ②capsize ③side slip ④vibrate.
242. (1) 物體的質量與同體積 4°C 之純水質量之比為該物體的 ①比重 ②重量 ③密度 ④容積。
The ratio of the mass of an object to the mass of pure water with the same volume at 4°C is the object's: ①specific gravity ②weight ③density ④volume.
243. (4) 走行時之基準無負荷狀態：指伸臂完全縮回，使桅桿垂直，貨叉呈水平，貨叉上端距離地面幾公分之狀態 ①15 ②20 ③25 ④30。
The benchmark no-load state when running means that the jib is fully retracted so that the mast is vertical, the shuttle is horizontal, and how many centimeters is the upper end of the shuttle away from the ground? ①15 ②20 ③25 ④30.
244. (2) 兩個不同方向作用於同一直線上之平行力，其合力為 ①兩力之和 ②兩力之差 ③等於大力 ④等於小力。
How is the the resultant of forces of parallel forces acting on the same straight line in two different directions? ①the sum of the two forces ②the difference between the two forces ③equal to large force ④equal to small force.
245. (1) 堆高機的荷重曲線表中，橫軸所表示的是 ①負載中心 ②限制荷重 ③容許荷重 ④最大荷重。
In the load curve table of the stacker, what does the horizontal axis indicate? ①load center ②restricted load ③allowable load ④maximum load.
246. (3) 物體運動之加速度是指單位時間內何者的變化量 ①位移 ②長度 ③速度 ④距離。
What is the amount of change in the acceleration of an object's movement per unit time? ①displacement ②length ③speed ④distance.
247. (2) CNS 標準堆高機上標示 FD14，表示其最大荷重為幾公噸 ①1.45 ②1.35 ③1400 ④1350。
How many metric tons is its maximum load for FD14 marked on the CNS standard stacker? ①1.45 ②1.35 ③1400 ④1350.
248. (1) 堆高機停車前應緩慢地向道路右側或停車地點靠近，並輕踏何種踏板，促使堆高機停止 ①煞車 ②離合器 ③油門 ④吋動踏板。
What kind of pedals is lightly stepped on to stop the stacker and the stacker should slowly approach the right side of the road or the parking place before stopping? ①brake ②clutch ③throttle ④inching pedal.
249. (3) 配重平衡型堆高機的配重塊功能是為了保持堆高機何種行車特性 ①直線行駛性 ②左右穩定性 ③前後穩定性 ④煞車性。
The counterweight function of the counterweight balance type stacker is to maintain what kind of driving characteristics of the stacker? ①straight driving ②left and right stability ③front and rear stability ④braking.
250. (1) 非合格堆高機操作人員執行裝卸作業，發生事故屬 ①直接原因 ②間接原因 ③裝置的不安全狀態 ④環境因素。
Non-qualified stacker operators perform loading and unloading operations. Which one does the accident belong to? ①direct cause ②indirect cause ③unsafe state of the device ④environmental factors.
251. (1) 堆高機在車輛流量大、工作人員密集，道路狹窄、視線不良等不安全作業場所裝卸貨物，應 ①避免停車 ②加速穿越 ③停車等待 ④換人駕駛。
What should stackers do when loading and unloading goods in unsafe workplaces such as heavy traffic, dense staff, narrow roads, and poor visibility? ①avoid parking ②speed through ③stop and wait ④get another person to drive.
252. (2) 堆高機額定承載貨物的重心至貨叉垂直前表面的水平距離稱為堆高機的 ①荷載重心 ②荷載中心距 ③荷載尺寸 ④荷載強度。
What is the horizontal distance from the center of gravity of the rated load of the stacker to the vertical front surface of the shuttle? ①load center of gravity ②load center distance ③load size ④load strength.

1. (4) 駕駛者以座式操作堆高機，則自駕駛座上面至頂蓬下端之距離應在多少公分以上 ①65 ②75 ③85 ④95。
If the driver operates the stacker in a seat mode, more than how many centimeters should be the distance from the top of the driver's seat to the lower end of the head living? ①65 ②75 ③85 ④95.
2. (4) 駕駛者以立式操作堆高機，則自駕駛座底板至頂蓬上框下端之距離應在多少公尺以上 ①1.2 ②1.4 ③1.6 ④1.8。
What should be the minimum distance from the driver's platform to the lower edge of the overhead guard when a driver operates a forklift in a standing position? ①1.2 ②1.4 ③1.6 ④1.8.
3. (4) 堆高機的安全頂蓬框架的桿與桿之格距不得大於 ①4 公分 ②8 公分 ③12 公分 ④16 公分。
How many centimeters should not the grid spacing between the poles of the safety head living frame of the stacker be greater than? ①4cm ②8cm ③12cm ④16cm.
4. (2) 雇主對於堆高機整體定期自動檢查應多久執行一次？ ①半年 ②一年 ③二年 ④三年。
How often should the employer do a regular overall automatic inspection of stackers? ①once every half year ②once a year ③once every two years ④once every three years.
5. (2) 堆高機每個月依法令定期檢查一次的項目是 ①引擎 ②制動裝置 ③電氣裝置 ④冷卻裝置。
What is the item that the stacker is regularly inspected by law and order every month? ①engine ②braking device ③electrical device ④cooling device.
6. (1) 堆高機引擎機油量應該 ①每天發動引擎前檢查 ②每天發動引擎後檢查 ③每天作業中檢查 ④每天作業後檢查。
What should you do with the amount of engine oil for a stacker? ①check every day before starting the engine ②check every day after starting the engine ③check during daily operation ④check after daily operation.
7. (2) 事業單位工作場所發生重大職業災害時，雇主應於多少時間以內向勞動檢查機構報備？ ①6 小時 ②8 小時 ③12 小時 ④24 小時。
Within how many hours must an employer report a major occupational accident at a workplace to labor inspection authorities? ①6 hours ②8 hours ③12 hours ④24 hours.
8. (1) 堆高機的油壓裝置應多久實施定期檢查一次 ①一個月 ②三個月 ③六個月 ④九個月。
How often should the oil pressure device of the stacker be inspected regularly? ①one month ②three months ③six months ④nine months.
9. (3) 工作者在高溫作業工作場所之時間每日不得超過 ①2 小時 ②4 小時 ③6 小時 ④8 小時。
How many hours per day should the worker's time in the high-temperature workplace not exceed? ①2 hours ②4 hours ③6 hours ④8 hours.
10. (4) 安全衛生工作守則訂定後，應報經何單位備查 ①主管機關 ②警察機關 ③商品檢驗單位 ④勞動檢查機構。
Which unit should it be reported to for record-keeping after the safety and health work code is established? ①competent authority ②police authority ③commodity inspection unit ④labor inspection agency.
11. (3) 基準負荷狀態係指在基準承載中心加上最大荷重之重量，使桅桿垂直貨叉上端距離地面 ①10 公分 ②20 公分 ③30 公分 ④40 公分。
The reference load state refers to the weight of the maximum load added to the reference load center. How many centimeters is the distance between the upper end of the vertical shuttle of the mast and the ground? ①10 centimeters ②20 centimeters ③30 centimeters ④40 centimeters.
12. (3) 堆高機運行時之基本無負荷狀態，制動初速度 20 公里/小時則其停止距離為 ①1 公尺 ②3 公尺 ③5 公尺 ④7 公尺。
When the stacker is operating in a basic no-load state with the initial braking speed is 20 km/h, how many meters is the stopping distance? ①1 meter ②3 meters ③5 meters ④7 meters.
13. (2) 堆高機運行時之基準負荷狀態，制動初速度 10 公里/小時則其停止距離為 ①1.5 公尺 ②2.5 公尺 ③3.5 公尺 ④4.5 公尺。
When the stacker is operating in a basic load state with the initial braking speed is 10 km/h,

how many meters is the stopping distance? ①1.5 meters ②2.5 meters ③3.5 meters ④4.5 meters.

14. (2) 堆高機制動裝置功能在運行時之基準無負荷狀態，其地面應在何斜度內能使堆高機停止？①10% ②20% ③30% ④40%。

At what ground gradient should a forklift's braking system be capable of stopping the vehicle under no-load conditions while operating? ①10% ②20% ③30% ④40%.

15. (1) 堆高機運行時之基準負荷狀態，其地面坡度應在何斜度內能使堆高機停止？①15% ②25% ③35% ④45%。

At what ground gradient should a forklift's braking system be capable of stopping the vehicle under load conditions while operating? ①15% ②25% ③35% ④45%.

16. (1) 堆高機單行道為堆高機最大寬度加 ①1 公尺 ②2 公尺 ③3 公尺 ④4 公尺。

How many meters should be added to the maximum width of the stacker for one-way road of the stacker? ①1 meter ②2 meters ③3 meters ④4 meters.

17. (1) 堆高機通行道寬度應為堆高機最大寬度之兩倍加 ①1 公尺 ②2 公尺 ③3 公尺 ④4 公尺。

How many meters should be added to twice the maximum width of the stacker for the stacker manway width? ①1 meter ②2 meters ③3 meters ④4 meters.

18. (2) 在門往兩邊開的門口走道操作堆高機應 ①在走道左側駕駛 ②在走道中間駕駛 ③在走道右側駕駛 ④在走道兩側駕駛。

What should you do to operate the stacker in the aisle that opens to both sides of the door? ①drive on the left side of the aisle ②drive in the middle of the aisle ③drive on the right side of the aisle ④drive on both sides of the aisle.

19. (4) 下列何者引起堆高機側翻之原因 ①速度太快 ②爬坡時速度太慢 ③踩煞車太頻繁 ④速度過快且堆貨過高。

Which of the following causes stackers to roll over? ①the speed is too fast ②the speed is too slow when climbing ③step on the brake too often ④the speed is too fast and the stockpile is too high.

20. (2) 堆高機安全檢點時機為 ①災害發生後 ②作業開始前 ③作業結束後 ④維修時。

When is the time for the safety inspection of the stacker? ①after the disaster ②before the operation starts ③after the operation is over ④during maintenance.

21. (4) 工作者發現工作場所違反職業安全衛生法時得向何單位申訴 ①同事 ②法院 ③警察機關 ④勞動檢查機構。

When a worker finds that the workplace violates the occupational safety and health law, to whom can he/she appeal? ①colleagues ②the court ③the police ④labor inspection agency.

22. (3) 堆高機自動檢查之定期檢查紀錄應保存 ①一年 ②二年 ③三年 ④五年。

How long should the periodic inspection records of the automatic inspection of the stacker be kept? ①one year ②two years ③three years ④five years.

23. (1) 安全衛生之實施自動檢查，由誰綜理負責 ①雇主 ②安全衛生業務主管 ③職業安全衛生管理員 ④工作者。

Who is in charge of managing the automatic inspection of safety and health? ①employers ②safety and health supervisors ③labor safety and health supervisors ④workers.

24. (2) 指導及督導所屬依安全作業標準方法從事作業，主要為何人責任 ①雇主 ②各級指揮人員 ③安全衛生人員 ④代行檢查員。

Whose primary responsibility is it to instruct and supervise subordinates to perform work according to safety operation standards? ①employers ②supervisors at all levels ③safety and health personnel ④substitute inspectors.

25. (2) 搬運物料在幾公斤以上，應儘量以機具代替人力 ①35 公斤 ②40 公斤 ③45 公斤 ④50 公斤。

How many kilograms or more of the material to be handled should machinery and tools be used instead of manpower as much as possible? ①35 kg ②40 kg ③45 kg ④50 kg.

26. (1) 一般廠內作業場所堆高機行進路線必須使用 ①黃色 ②紅色 ③綠色 ④藍色。

In general, what color must be used for the travel route of the stacker in the workplace? ①yellow ②red ③green ④blue.

27. (4) 下列何者不是職業安全衛生法所稱危險性機械？①固定式起重機 ②移動式起重機 ③吊籠 ④堆高機。

Which of the following is not considered hazardous machinery as defined by the Occupational Safety and Health Act? ①fixed crane ②mobile crane ③hoist cage ④forklift.

28. (4) 下列何者不是職業安全衛生法所稱特別危害健康之作業 ①高溫作業 ②鉛作業 ③噪音作業 ④堆高機操作。

Which of the following is not an operation that is particularly hazardous to health under the Occupational Safety and Health Law? ①high-temperature operation ②work in a leaded environment ③work under noisy conditions ④stacker operation.

29. (4) 下列何者不得操作堆高機 ①女工 ②男工 ③60 歲以上之勞工 ④童工。

Which of the following individuals must not operate a stacker? ①female workers ②male workers ③workers over 60 years old ④child labor.

30. (1) 堆高機操作者應有之責任為 ①執行堆高機之維護檢點 ②執行堆高機非破壞檢驗 ③僅操作堆高機 ④僅求儘速完成工作。

What should be the responsibility of the stacker operator? ①carry out maintenance inspection of the stacker ②carry out non-destructive inspection of the stacker ③only operate the stacker ④only seek to complete the work as soon as possible.

31. (4) 下列何項不屬於優良堆高機駕駛員應具備之條件 ①熟悉並遵守交通規則 ②具備安全衛生知識並安全作業 ③對材料略具基本知識 ④可以快速的駕駛堆高機。

Which of the following is not a requirement for a good stacker driver? ①be familiar with and obey the traffic rules ②possess safety and hygiene knowledge and work safely ③approximately have basic knowledge of materials ④can drive the stacker quickly.

32. (2) 使用堆高機場所之地面安全檢查屬於誰的責任 ①雇主 ②堆高機操作人員 ③現場作業主管 ④設備維修部門。

Whose responsibility is it to ensure the safety inspection of the ground surface where forklifts are used? ①employer ②forklift operator ③on-site supervisor ④equipment maintenance department.

33. (3) 蓄電池輸出端及電纜接頭發生腐蝕時 ①表示蓄電池電力強 ②表示蓄電池電力弱 ③會引起電力損失 ④表示無法充電。

What does corrosion at the battery terminals and cable connectors indicate? ①indicates strong battery power ②indicates weak battery power ③will cause power loss ④indicates inability to charge.

34. (2) 認知存在於作業場所之危害的最佳時機為 ①災害發生後 ②災害發生前 ③舉行安全衛生委員會時 ④作業完成後。

When is the best time to recognize the hazards that exist in the workplace? ①after the disaster ②before the disaster ③when a safety and health committee is held ④after the job is completed.

35. (1) 當堆高機有問題必須修護時，操作人員應將問題直接報告 ①現場作業主管 ②會計部門 ③人事部門 ④採購人員。

When the stacker has a problem and must be repaired, who should the operator directly report the problem to? ①site operations supervisor ②accounting department ③personnel department ④procurement staff.

36. (4) 除了堆高機駕駛外，堆高機可容許多少人乘坐 ①至多 1 人 ②至多 2 人 ③視貨物量而定 ④任何時刻都不允許。

How many people can the stacker accommodate in addition to the stacker driver? ①up to 1 person ②up to 2 people ③depends on the quantity of goods ④not allowed at any time.

37. (4) 防止堆高機災害，下列何者錯誤 ①作業前檢點堆高機 ②遵守安全衛生規定 ③依標準作業程序作業 ④請助手在駕駛座旁協助。

Which of the following is wrong to prevent stacker disasters? ①check the stacker before operation ②comply with safety and health regulations ③follow standard operating procedures ④ask the assistant to assist next to the driver's seat.

38. (2) 堆高機發生意外造成人員或財物損傷時，應直接報告 ①值勤警衛 ②現場作業主管 ③人事部門 ④採購人員。

Whom should you directly report to when a stacker accident causes personnel or property damage? ①guard on duty ②site operations supervisor ③personnel department ④procurement staff.

39. (3) 堆高機作業前實施安全檢點是何人之職責 ①雇主 ②職業安全衛生管理員 ③操作者 ④現場主管。

Who is responsible for implementing safety inspections before stacker operations? ①employer ②occupational safety and health administrator ③operator ④site supervisor.

40. (4) 健康檢查發現勞工因職業原因致不能適應原工作者，下列何者非適當措施 ①醫療 ②變更其作業場所 ③縮短工作時間 ④資遣。

The health check found that the worker was unable to adapt to the original work due to occupational reasons. Which of the following is not an appropriate measure? ①medical treatment ②change his workplace ③shorten working hours ④lay off.

41. (4) 下列何者職業災害不須於 8 小時內報告檢查機構 ①發生死亡災害者 ②罹災人數在三人以上者 ③中央主管機關指定公告之災害 ④罹災人數在一人以上，且不需住院治療。

Which of the following occupational hazards is not required to be reported to the inspection agency within 8 hours? ①those who have died in disasters ②the number of victims is three or more ③disasters designated and announced by the central competent authority ④the number of victims is more than one, and hospitalization is not required.

42. (4) 下列何者不是機械設備器具安全防護標準所規範之機械 ①堆高機 ②衝剪機械 ③研磨機 ④挖掘機。

Which of the following is not a machine regulated by the safety protection standards for machinery equipment and appliances? ①stacker ②punching and shearing machinery ③grinding machine ④excavator.

43. (4) 型式檢定合格之堆高機，其檢定合格證明書有效期限為 ①一年 ②二年 ③三年 ④無法令規定。

For a stacker that has passed the type verification, how long is the validity period of the verification certificate? ①one year ②two years ③three years ④there is no legal requirement.

44. (3) 在貨叉之基準承載中心加以最大荷重之重物時，貨叉所生應力值應在該貨叉鋼材之降伏強度值多少以下 ①1/5 ②1/4 ③1/3 ④1/2。

When a weight of the maximum load is applied to the datum load center of the shuttle, how much should the stress value generated by the shuttle be below the yield strength value of the shuttle steel? ①1/5 ②1/4 ③1/3 ④1/2.

45. (1) 勞動契約存續中，由雇主所提示，使勞工履行契約提供勞務之場所，稱為 ①就業場所 ②工作場所 ③作業場所 ④工廠。

In the existence of the labor contract, what is the place where the employer prompts the worker to perform the contract and provide labor services? ①place of employment ②workplace ③job site ④factory.

46. (1) 測定蓄電池充電狀況應使用 ①電壓計 ②電流計 ③電阻計 ④液位計。

What should be used to determine the charging status of storage batteries? ①voltmeter ②ammeter ③ohmmeter ④fluid level gauge.

47. (3) 下列何者不屬於堆高機微動調整檢點項目 ①方向盤作動 ②離合器作動 ③車輪轉向作動 ④煞車裝置作動。

Which of the following does not belong to the inspection item of stacker micro adjustment? ①steering wheel actuation ②clutch actuation ③wheel steering actuation ④actuation of the brake device.

48. (4) 下列何者不屬於堆高機災害之間接原因 ①路面凹凸 ②貨叉載重超過最大負荷 ③堆高機頂棚損壞 ④作業員未接受安全衛生教育訓練。

Which of the following is not an indirect cause of stacker disasters? ①rugged road surface ②the shuttle load exceeds the maximum load ③damage to the head living of the stacker ④operators did not receive safety and health education and training.

49. (2) 下列何者非屬輪胎之檢查重點 ①氣壓 ②幅寬 ③砂石等異物嵌入 ④磨耗。
Which of the following is not the focus of tire inspection? ①air pressure ②width ③embedding of foreign objects such as sandstone ④abrasion.
50. (3) 勞工健康檢查紀錄至少應保存 ①三年 ②五年 ③七年 ④十年。
At least how many years should labor physical checkup records be kept? ①three years ②five years ③seven years ④ten years.
51. (3) 健康檢查結果發現勞工因職業因素，不能適應工作應 ①即解僱 ②予以醫療後解僱 ③予以醫療教育訓練並更換其工作 ④直接更換其工作。
What should be done if a health check reveals that a worker cannot adapt to the job due to occupational factors? ①immediate dismissal ②medical treatment followed by dismissal ③medical treatment and retraining, then reassignment ④immediate reassignment.
52. (3) B類火災主要以何種方式滅火？ ①隔離作用 ②抑制作用 ③窒息作用 ④冷卻作用。
What is the primary method used to extinguish Class B fires? ①isolation ②suppression ③smothering ④cooling.
53. (1) 下列何種滅火劑，目前政府限制使用 ①海龍 ②泡沫 ③乾粉 ④二氧化碳。
Which of the following fire extinguishing agents are currently restricted by the government? ①halon ②foamite ③dry powder ④carbon dioxide.
54. (3) 危險物品界定汽油屬於 ①爆炸性物質 ②可燃性氣體 ③易燃液體 ④著火性物質。
What is the definition of dangerous goods as gasoline? ①explosive substances ②flammable gas ③flammable liquid ④flammable substances.
55. (2) 滅火方法連鎖反應主要用 ①冷卻法 ②抑制法 ③窒息法 ④隔離法。
What is the main method of extinguishing a chain reaction? ①cooling method ②inhibition method ③smothering method ④isolating method.
56. (2) 工業安全標示中黃色代表 ①安全 ②注意 ③整潔 ④輻射線。
What does yellow mean in the industrial safety label? ①safety ②attention ③tidiness ④radiation.
57. (3) 電氣火災是屬於那一類火災？ ①A類 ②B類 ③C類 ④D類。
What class of fire does an electrical fire belong to? ①Class A ②Class B ③Class C ④Class D.
58. (2) 油脂類引起之火災為 ①A類 ②B類 ③C類 ④D類。
What kind of fire is caused by grease? ①Class A ②Class B ③Class C ④Class D.
59. (3) 危害物質安全資料表英文簡稱為 ①SPSS ②SARS ③MSDS ④AIDS。
What is the English abbreviation for Material Safety Data Sheet (MSDS)? ①SPSS ②SARS ③MSDS ④AIDS.
60. (4) 凡是易燃之金屬類所引起的火災，依火災分類是 ①A類 ②B類 ③C類 ④D類。
What kind of fire is caused by flammable metals according to the fire classification? ①Class A ②Class B ③Class C ④Class D.
61. (1) 凡由橡膠、塑膠等固體可燃物所引起的火災，依火災分類是 ①A類 ②B類 ③C類 ④D類。
What kind of fires are caused by solid combustibles such as rubbers and plastics according to the fire classification? ①Class A ②Class B ③Class C ④Class D.
62. (2) 凡由有機溶劑，動植物油類等易燃液體所引起的火災，依火災分類是 ①A類 ②B類 ③C類 ④D類。
For fires caused by flammable liquids such as organic solvents, animal and vegetable oils, etc., which type of fire is classified according to the fire? ①Class A ②Class B ③Class C ④Class D.
63. (3) 凡由電動機器等電氣設備所引起的火災，依火災分類是 ①A類 ②B類 ③C類 ④D類。
What is the classification of fires caused by electrical equipment such as electric machines? ①Class A ②Class B ③Class C ④Class D.
64. (4) 泡沫滅火器適用何類火災 ①A類 ②B類 ③C類 ④AB類。
What kind of fire is suitable for foamite extinguishers? ①Class A ②Class B ③Class C ④Class AB.

65. (2) ABC 萬能乾粉滅火器適用何類火災 ①AB 類 ②ABC 類 ③ABD 類 ④ABCD 類。
What type of fire is the ABC dry powder fire extinguisher suitable for? ①Class AB ②Class ABC ③Class ABD ④Class ABCD.
66. (2) 工業安全標示中正方形或長方形之標示代表 ①禁止 ②一般說明及提示性 ③注意 ④警告。
What do the square or rectangular signs in the industrial safety signs represent? ①prohibition ②general description and tips ③attention ④warning.
67. (4) 工業安全標示中，“△”表示 ①禁止 ②一般說明或提示 ③注意 ④警告。
What does "△" in the industrial safety label mean? ①prohibition ②general description or tips ③attention ④warning.
68. (1) 工業安全標示中“○”表示 ①禁止 ②一般說明或提示 ③注意 ④警告。
What does "○" in the industrial safety label mean? ①prohibition ②general description or tips ③attention ④warning.
69. (3) 工業安全標示中“▽”表示 ①禁止 ②一般說明或提示 ③注意 ④警告。
What does "▽" in the industrial safety label mean? ①prohibition ②general description or tips ③attention ④warning.
70. (1) 蓄電池散飛出來的氣體 ①具爆炸危險性 ②某特定型式之蓄電池才具危險性 ③無危險性 ④遇火源不會爆炸。
What happens to the gas emitted from the battery? ①potentially explosive ②only a certain type of battery is dangerous ③no danger ④will not explode in case of fire.
71. (4) 檢查蓄電池液位、燃氣桶洩漏等情況時，應以何者做為照明光源 ①火柴 ②打火機 ③白熾燈泡 ④手電筒。
When checking the battery liquid level, gas cylinder leakage, etc., what should be used as the light source? ①matches ②lighter ③incandescent bulb ④flashlight.
72. (4) 下列何者非堆高機作業指揮者應具備條件 ①作業安全相關知識 ②裝卸作業相關知識 ③車輛搬運機械作業相關知識 ④車輛機械維修相關知識。
Which of the following is not a requirement for the spotter of stacker operations? ①related knowledge of work safety ②related knowledge of loading and unloading operations ③related knowledge of vehicle transport machinery operations ④related knowledge of vehicle machinery maintenance.
73. (3) 堆高機作業結束後，有關堆高機之處置下列何者錯誤 ①清掃或水洗堆高機外部油污、灰土 ②檢點燃油量，必要時予以補充 ③電動式堆高機應取下蓄電池，避免電能疏失 ④檢點輪胎有無損傷。
After the operation of the stacker is completed, which of the following is wrong with regard to the handling of the stacker? ①clean up or wash the oil and dirt on the exterior of the stacker ②check the fuel quantity and add it if necessary ③the battery should be removed from the electric stacker to avoid power loss ④check whether the tire is damaged.
74. (2) 從事堆高機作業後，下列敘述何者錯誤 ①整理清掃作業場所 ②未熄火即離開工作場所 ③檢討不安全的行為 ④向主管報告工作經過。
Which of the following statements is wrong after engaging in stacker operations? ①tidy up and clean the workplace ②leave the workplace without turning off the ignition ③review unsafe behavior ④report the work process to the supervisor.
75. (3) 堆高機作業發生災害時，下述何者錯誤 ①立即停止堆高機運轉 ②搶救罹災者 ③追究責任 ④檢討原因。
Which of the following is wrong when a disaster occurs in stacker operations? ①stop stacker operation immediately ②rescue the victims ③investigate the responsibilities ④review the reasons.
76. (1) 有關堆高機作業安全原則，下述何者錯誤 ①可以做為懲罰作業之依據 ②作業者可得到正確知識 ③對於新作業條件可以明示正確的作業方法 ④可以防止作業者依自己判斷作業。
Regarding the safety principles of stacker operation, which of the following is wrong? ①it can be used as a basis for punishing operators ②operators can obtain correct knowledge ③the

correct operating method can be clearly stated for the new operating conditions ④it can prevent the operators from operating according to his own judgment.

77. (4) 下列何者不屬於機械搬運的方法 ①堆高機 ②捲揚機 ③車輛機械 ④手推車。

Which of the following is not a method of mechanical handling? ①stacker ②winder ③vehicle machinery ④trolley.

78. (2) 提舉重物時，應利用人體何部位之力量來提舉 ①背部 ②腿部 ③腰部 ④腹部。

Which part of the body should be used for lifting power when lifting heavy objects? ①back ②legs ③waist ④abdomen.

79. (4) 依 CNS 規定，表示安全、衛生、救護之安全顏色為 ①藍色 ②黑色 ③紅色 ④綠色。

According to CNS regulations, what is the safe color for safety, hygiene, and rescue? ①blue ②black ③red ④green.

80. (3) 工作場所對於不經常使用之緊急避難用出口或通道之門，應為 ①內開式 ②半開式 ③外開式 ④半外開式。

Emergency evacuation exits or passage doors at workplaces that are not frequently used should be: ①inward opening ②half-open ③outward opening ④semi-outward opening.

81. (2) 下列何者不屬於預防職業病之工作項目 ①建立事業單位有害物基本資料 ②全民保險 ③推行勞工健康檢查 ④規劃職業病診療網。

Which of the following is not a work item for preventing occupational diseases? ①establish basic information on hazardous substances in public institutions ②national insurance ③promote health examination of workers ④plan an occupational disease diagnosis and treatment network.

82. (4) 下列何者不屬於建立危害性化學品通識制度之工作 ①訂定危害物通識規則 ②建立物質安全資料庫 ③編寫 MSDS 及辦理危害通識訓練 ④建立化學物品運輸安全規則。

Which of the following does not belong to the work of establishing a general knowledge system for hazardous chemicals? ①formulate rules for general knowledge of hazardous substances ②establish a material safety database ③compile MSDS and handle hazard general knowledge training ④establish safety rules for the transportation of chemicals.

83. (1) 工作場所作業環境中，輻射熱是屬於 ①物理性因子 ②化學性因子 ③生物性因子 ④人體工學性因子。

What is the factor of radiant heat in the working environment of the workplace? ①physical factor ②chemical factor ③biological factor ④ergonomic factor.

84. (4) 選擇防護具的第一要素是考慮其 ①便利性 ②經濟性 ③美觀性 ④防護性能。

The top key element when choosing protective gear is to consider its: ①convenience ②economy ③aesthetics ④protective performance.

85. (2) 作業環境工作場所中引起白內障的環境因素為 ①紫外線 ②紅外線 ③鐳射光 ④不良照明。

Which of the following is the environmental factor that causes cataracts in the workplace? ①ultraviolet ray ②infrared ray ③laser light ④poor lighting.

86. (3) 勞工作業環境危害因子歸類為幾種 ①二種 ②三種 ③四種 ④五種。

How many types of hazard factors are classified into the labor environment? ①2 kinds ②3 kinds ③4 kinds ④5 kinds.

87. (1) 勞工作業環境空氣中有害物質容許濃度，指的是在一大氣壓下攝氏幾度的濃度 ①25°C ②30°C ③35°C ④40°C。

How many degrees of concentration taken at atmospheric pressure does it refer to about permissible concentration of harmful substances in the air of labor working environment? ①25°C ②30°C ③35°C ④40°C.

88. (4) 會使人體功能失去效應之危害因子為 ①物理性 ②化學性 ③生物性 ④人體工學性。

What type of hazard factor can cause loss of bodily functions? ①physical ②chemical ③biological ④ergonomic.

89. (1) 堆高機操作人員依規定必須穿戴的個人基本防護具是 ①安全帽與反光背心 ②太陽眼鏡 ③遮陽帽 ④耳罩。

What are the basic personal protective equipment that the stacker operator must wear in accordance with the regulations? ①safety helmet and reflective vest ②sunglasses ③sun hat ④ earmuffs.

90. (4) 堆高機進行貨物直接堆疊作業前，應先確認 ①棧板受力面積 ②搬運貨物形狀 ③胎壓是否符合規定 ④被堆疊下層貨物結構堅固。

What should be confirmed before the stacker performs the direct stacking operation of the goods? ①area of thrust surface of the pallet ②carrying cargo shape ③whether the tire pressure meets the requirements ④the structure of the stacked lower cargo is sturdy.

91. (2) 操作堆高機進行貨物堆疊時，應小心防止 ①輪胎爆胎 ②貨物墜落 ③棧板破裂 ④搭載人員。

What should be careful to prevent when operating a stacker to stack goods? ①tire blowout ② cargo falling ③broken pallet ④carrying personnel.

92. (1) 操作堆高機進行貨物堆疊作業時，下列何者為錯誤 ①貨物高舉狀況下，可以行駛堆高機 ②低速行駛堆高機 ③避免使用緊急煞車 ④貨物堆疊作業中禁止人員穿越貨物下方。

When operating the stacker to stack goods, which of the following is wrong? ①can drive the stacker when the cargo is elevated ②drive the stacker at low speed ③avoid using emergency brakes ④it is forbidden for people to pass under the cargo during cargo stacking operations.

93. (1) 堆高機高架堆放貨物作業時，操作人員應注意 ①堆高機桅桿揚程高度 ②堆高機桅桿揚程速度 ③堆高機貨叉自由行程 ④堆高機引擎性能。

What should an operator pay attention to when stacking goods at a high level with a forklift? ①height of the forklift mast ②speed of the forklift mast ③free travel of the forklift forks ④ forklift engine performance.

94. (1) 堆高機空載行駛時，遇緊急狀況必須以何種方式減速？ ①右腳踩下煞車踏板 ②左腳踩下吋動踏板 ③拉起手煞車 ④放鬆油門。

When the stacker is traveling with no load, in what way must it slow down in case of emergency? ①step on the brake pedal with your right foot ②step on the inching pedal with your left foot ③pull up the handbrake ④release the throttle.

95. (1) 要保持堆高機直行方向，且避免碰撞兩側貨物，下列操作方法何者錯誤 ①可以將頭伸出車身外察看堆高機前方狀況 ②禁止將頭伸出車身外察看堆高機前方狀況 ③由地面導引人員引導行駛 ④低速小心行駛。

To keep the stacker in a straight direction and avoid collision with the cargoes on both sides, which of the following methods of operation is wrong? ①you can stick your head out of the car to observe the situation in front of the stacker ②it is forbidden to stick your head out of the car to observe the situation in front of the stacker ③guided by ground personnel ④drive carefully at low speed.

96. (1) 堆高機於兩排貨物中間直行載物時，應防止何種意外發生 ①棧板叉舉歪斜，容易造成貨物擦撞翻落 ②貨叉撞擊地面，會造成堆高機引擎熄火 ③堆高機高速行駛，以增加工作效率 ④堆高機因行駛速度過慢，造成營運成本增高。

What kind of accidents should be prevented when the stacker moves straight between two rows of cargo? ①the forklift of the pallet is skewed, which can easily cause the goods to collide and fall ②if the shuttle hits the ground, it will cause the stacker engine to stall ③the stacker travels at high speed to increase work efficiency ④the stacker's driving speed is too slow, resulting in higher operating costs.

97. (3) 堆高機裝卸貨物作業時，應注意棧板兩側其他貨物，避免擦撞最好方法 ①高速行駛 ②低速 S 型行駛 ③保持安全距離低速行駛 ④忽快忽慢任意行駛。

When the stacker is loading and unloading goods, pay attention to other goods on both sides of the pallet. What is the best way to avoid collisions? ①drive at high speed ②drive S-type at low speed ③keep a safe distance and drive at low speed ④drive quickly and slowly at will.

98. (2) 堆高機載物行進中棧板上的貨物突然歪斜，應 ①請旁人協助扶正貨物 ②立即將棧板降至地面，並調整貨物位置 ③不可載運以免危險 ④不必理會。

What should you do if the cargo on the pallet suddenly skews when the stacker with load is moving? ①ask someone else to help straighten the goods ②immediately lower the pallet to the ground and adjust the position of the cargo ③do not carry to avoid danger ④ignore it.

99. (3) 堆高機在載有貨物的狀態下，操作人員 ①可以下車或離車 ②可以下車但不能離車 ③絕不可以下車或離車 ④駕駛員自行決定下車或離車。

What should the operator do when the stacker is loaded with goods? ①he can get off the stacker or leave the stacker ②he can get off the stacker but cannot leave the stacker ③by no means can he get off the stacker or leave the stacker ④the driver decides for himself to get off the stacker or leave the stacker.

100. (2) 堆高機在傾斜地面裝卸作業，地面傾斜角度不得超過 ①1 度 ②3 度 ③5 度 ④7 度。

The stacker is loading and unloading on a sloping ground. How many degrees should the inclination angle of the ground not exceed? ①1 degree ②3 degrees ③5 degrees ④7 degrees.

101. (2) 左圖堆高機安全標貼警示 ①連接插頭 ②繫上安全帶 ③從右至左對接 ④注意連接方向。



向。



What does the stacker safety label on the left warn? ①connect the plug ②fasten

your seat belt ③butt joint from right to left ④pay attention to the connection direction.

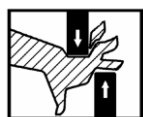
102. (1) 下圖堆高機安全標貼警示 ①禁止跳車 ②防止翻車 ③重心不穩 ④注意人員摔出。



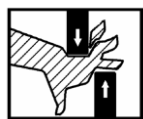
What does the safety sticker on the stacker in the figure below warn? ①jumping is prohibited ②prevent rollover ③unstable center of gravity ④watch out for people falling out .



103. (3) 下圖堆高機安全標貼警示 ①注意移動方向 ②注意手指方向 ③禁止手部伸入 ④防止人員手部僵化。



What does the safety sticker on the stacker in the figure below warn? ①pay attention to the direction of movement ②pay attention to finger direction ③no hand reaching in ④prevent the rigidity of personnel's hands .



104. (3) 下圖堆高機安全標貼警示 ①注意重疊 ②防止摺疊 ③參閱操作手冊 ④注意放置方向。



What does the safety sticker on the stacker in the figure below warn? ①pay attention to overlap ②prevent folding ③refer to the operation manual ④pay attention to the placement direction .



105. (3) 下圖堆高機安全標貼警示 ①禁止站立 ②防止貨叉墜落 ③貨叉下方禁止人員進入 ④注意貨叉下方人員高度。



What does the safety sticker on the stacker in the figure below warn? ①no standing ②prevent the shuttle from falling ③no people are allowed to enter under the shuttle ④pay attention to the height of personnel under the shuttle .



106. (1) 下圖堆高機安全標貼警示 ①貨叉禁止人員站立 ②防止貨叉升起 ③貨叉上方禁止人員進入 ④注意貨叉後方輪胎高度。



What does the safety sticker on the stacker in the figure below warn? ①the shuttle prohibits people from standing ②prevent the shuttle from lifting ③no people are allowed to enter above the shuttle ④pay attention to the height of the tire behind the shuttle .



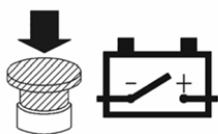
107. (4) 下圖堆高機安全標貼警示 ①禁止玩弄風扇 ②用手轉動風扇 ③非操作人員禁止轉動風扇 ④防止手部割傷。



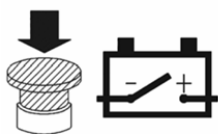
What does the safety label on the forklift shown below warn against? ①do not play with the fan ②turn the fan by hand ③non-operating personnel are prohibited from turning the fan ④prevent hand injuries .



108. (4) 下圖堆高機安全標貼警示 ①按下開關立即斷路 ②自動切換電源開關 ③電源切換開關 ④緊急停止作動按鈕。



What does the safety sticker on the stacker in the figure below warn? ①press the switch to disconnect immediately ②automatically switch over the power switch ③power switch over ④emergency stop actuation button .




109. (1) 下圖堆高機安全標貼警示 ①清洗前預作防潮措施 ②禁止人員清洗 ③使用人力轉緊排水 ④禁止使用壓力水清洗。



What does the safety sticker on the stacker in the figure below warn? ①prepare moisture-proof measures before cleaning ②personnel cleaning is prohibited ③use manpower to tighten drainage ④prohibit the use of pressure water for cleaning .



110. (1)  左圖堆高機安全標貼警示 ①防止燙傷 ②禁止手部碰觸 ③防止利用手部操作 ④禁止使用手壓。



What does the safety sticker on the stacker on the left picture warn about? ①prevent

burns ②no hand touch ③prevent the use of hand operation ④no hand pressure.

111. (1) 若堆高機無負載空車行駛初速度為 20 公里/小時，踩下煞車，堆高機應於多少距離之內停車，才算符合法令規定 ①5 ②6 ③7 ④8 公尺。

If the stacker is running at an initial speed of 20 km/h with no load and the brake is applied, within how many meters should the stacker stop before it meets the requirements of the law? ①5 ②6 ③7 ④8.

112. (1) 停止行駛之堆高機，已採取防止勞工墜落設備或措施者 ①可以 ②禁止 ③依雇主規定 ④依現場狀況 搭載作業人員。

For the stopped stacker, can those who have taken equipment or measures to prevent workers from falling down carry operators? ①Yes ②No ③according to the employer's regulations ④according to site conditions.

113. (2) 堆高機之貨叉所承載貨物之棧板、箱籠及其他堆高機(乘坐席以外)部分 ①可以 ②禁止 ③依僱主規定 ④依現場狀況 搭載作業人員。

Can the pallets, cages of the cargo and other parts of the stacker (except the seats) carried by the shuttle of the stacker carry operators? ①Yes ②No ③according to the employer's regulations ④according to site conditions.

114. (3) 職業安全衛生設施規則規定物品重量超過多少公斤者，應以機動車輛或其他機械搬運為宜 ①300 ②400 ③500 ④600。

Over how many kilograms should the weight of articles be transported by motor vehicles or other machinery stipulated by Regulations for the Occupational Safety and Health Equipments and Measures? ①300 ②400 ③500 ④600.

115. (4) 雇主對於工作場所有物體飛落之虞者，應設置防止物體飛落之設備，並供給等防護具，使勞工戴用 ①護目鏡 ②安全鞋 ③工作手套 ④安全帽。

Employers should install equipment to prevent objects from falling off and provide other protective equipment for all objects in the workplace that are likely to fall. What should workers wear? ①goggles ②safety shoes ③work gloves ④safety helmet.

116. (4) 雇主使勞工於有車輛出入或往來之工作場所作業時，有導致勞工遭受交通事故之虞者，除應明顯設置警戒標示外，並應置備何種防護衣，使勞工確實使用 ①防寒背心 ②防火背心 ③防風背心 ④反光背心。

When employers make workers work in workplaces where vehicles enter and exit or pass through, and there is a risk of causing traffic accidents to the workers, in addition to clearly setting up warning signs, what kind of protective clothing should be provided so that the workers can actually use it? ①cold-proof vest ②fireproof vest ③windproof vest ④reflective vest.

117. (2) 下列何種勞工不須接受安全衛生教育訓練 ①新僱勞工 ②工作環境、性質與變更前相當者在職勞工 ③無一定雇主 ④自營作業之勞工。

Which of the following workers are not required to receive safety and health education and training? ①newly hired workers ②employed workers whose working environment and nature are equivalent to those before the change ③no certain employer ④self-employed workers.

118. (2) 堆高機操作人員之職業安全衛生在職教育訓練，每三年至少 ①2 ②3 ③4 ④5 小時。

How many hours of occupational safety and health on-the-job education and training for stacker operators should be at least every three years? ①2 ②3 ③4 ④5.

119. (3) 荷重在 1 公噸以上堆高機操作人員特殊安全衛生教育訓練應實施 ①14 ②16 ③18 ④20 小時。

How many hours of special safety and health education and training should be carried out for stacker operators with a load of more than 1 metric ton? ①14 ②16 ③18 ④20.

120. (3) 非屬汽車範圍而行駛於道路上之動力機械，未依規定請領臨時通行證，或其駕駛人未依規定領有駕駛執照者，處所有人或駕駛人罰鍰多少新台幣，並禁止其行駛 ①600 元以下 ②1000 元以上 2000 元以下 ③3000 元以上 9000 元以下 ④10000 元。

If power machinery that is not within the scope of an automobile and is driving on the road, and does not apply for a temporary pass in accordance with the regulations or the driver has not obtained a driving license in accordance with the regulations, how much is the NTD fine for the owner or driver and prohibits him from driving? ①below NT\$600 ②from NT\$1000 to NT\$2000 ③from NT\$3000 to NT\$9000 ④NT\$10000.

121. (4) 應由何人對勞工施以從事工作及預防災變所必要之安全衛生教育訓練 ①中央政府 ②地方政府 ③工會 ④雇主。

Who should provide workers with the necessary safety and health education and training for work and prevention of disasters? ①central government ②local government ③union ④employer.

122. (2) 職業安全衛生法將堆高機歸屬為 ①危險機械 ②特殊機械 ③工程機械 ④動力機械。

What kind of machinery does the Occupational Safety and Health Act classify stackers? ①dangerous machinery ②special machinery ③construction machinery ④power machinery.

123. (2) 在一般情形下，從事堆高機操作女性勞工不得於下列那一項時間內工作？ ①午後八時到翌晨六時 ②午後十時到翌晨六時 ③午後九時到翌晨六時 ④午後七時到翌晨六時。

During which of the following hours are female laborers prohibited from working on stacker operation under normal circumstances? ①8 o'clock in the afternoon to 6 o'clock in the next morning ②10 o'clock in the afternoon to 6 o'clock in the next morning ③9 o'clock in the afternoon to 6 o'clock in the next morning ④7 o'clock in the afternoon to 6 o'clock in the next morning.

124. (2) 堆高機車身貼有下圖示標貼係為 ①檢查合格證 ②驗證合格標章 ③檢驗合格證 ④安全檢查證。



What does the sticker shown on the forklift body in the diagram below represent? ①inspection certificate ②certification mark ③inspection qualification certificate ④safety inspection certificate .



125. (1) 下圖堆高機安全標貼警示 ①禁止載搭其他人員 ②禁止人員站立 ③禁止搭車人員坐立 ④禁止二人搭乘。



What does the safety warning label shown below on the forklift indicate? ①prohibition of carrying additional personnel ②prohibition of personnel standing ③prohibition of personnel

sitting or standing on the vehicle ④prohibition of two-person riding .



126. (2) 下圖堆高機安全標貼警示表示 ①禁止進入堆高機 ②禁止站立於伸縮桅桿與車身之間 ③禁止站立操作堆高機 ④禁止非合格人員操作。



What does the safety label warning of the stacker in the figure below mean? ①no entry into the stacker ②it is forbidden to stand between the telescopic mast and the car body ③it is forbidden to stand up and operate the stacker ④operation by unqualified personnel is prohibited .



127. (1) 按輪胎式機具、車輛，依其原廠設計製造之構造、功能及用途等差異，堆高機屬於 ①不具備行車安全性能而僅供場站內使用 ②具備行車安全性能可供行駛公路 ③不具備行車安全性能可供行駛公路 ④具備行車安全性能而僅供場站內使用。

According to the differences in structure, function and purpose of rubber-tired machines and vehicles according to their original design and manufacture, what is the nature of the stacker?

①without driving safety performance and is only used in the station ②with driving safety performance for driving on the highway ③without driving safety performance for driving on the highway ④with driving safety performance and is only used in the station.

128. (2) 堆高機依道路交通安全規則規定 ①可以 ②不可以 ③依各路段允許範圍 ④依使用允許時段 行駛於公路。

Can the stacker be driven on public roads in accordance with road traffic safety regulations? ①Yes ②No ③depends on the permitted range of each road section ④depends on the permitted time of usage.

129. (1) 堆高機如需經公路移往不同地區作業，應如何處理 ①以適當之載具運送 ②直接行駛於公路 ③選擇較少人車時段行駛 ④選擇人車較少之道路行駛。

What should be done if the stacker needs to be moved to different areas by road? ①shipped in an appropriate carrier ②drive directly on the road ③choose a time interval with fewer people and vehicles to drive ④choose a road with fewer people and vehicles to drive.

130. (3) 堆高機之機內無駕駛座者，時速低於 ①10 ②15 ③20 ④25 km 者得免設方向指示器。

Under how many kilometers per hour should the direction indicator be exempted for those who have no driver's seat in the stacker? ①10 ②15 ③20 ④25.

131. (4) 配重平衡式堆高機前後安定度，於運行基準負荷狀態坡度為 ①15% ②16% ③17% ④18%。

What is the slope of the front and rear stability of the counterweight balanced stacker in the base-load operation state? ①15% ②16% ③17% ④18%.

132. (2) 依 CNS 標準 1 噸以上未滿 5 噸堆高機，基準負載中心為 ①400 ②500 ③600 ④550 mm。

According to the CNS standard, a stacker that is at least 1 ton and less than 5 tons should have a base load center of how many millimeters? ①400 ②500 ③600 ④550.

133. (1) 輪胎充氣壓力太高會磨損 ①胎面 ②胎唇 ③胎肩 ④鋼圈。

What will be worn if the tire inflation pressure is too high? ①tread ②tire bead ③shoulder ④rim.

134. (3) 堆高機操作人員之防護具配備有 ①頭巾、耳罩、安全鞋 ②絕緣手套、防音帽、防風眼鏡 ③安全帽、安全鞋、安全帶 ④頭巾、面罩、耳罩。

What are the protective gears for stacker operators? ①headscarf, earmuffs, safety shoes ②insulating gloves, soundproof caps, windproof glasses ③safety helmet, safety shoes, safety belt ④headscarf, face shield, earmuffs.

135. (1) 下列何者會造成電線短路？ ①電流過大 ②電壓過小 ③電流過小 ④電容過大。

Which of the following causes a short circuit in a wire? ①excessive current ②insufficient voltage ③insufficient current ④excessive capacitance.

136. (3) 以何種儀器來測量電瓶電解液之比重？ ①壓力計 ②濕度計 ③比重計 ④加水杯。

What kind of instrument is used to measure the specific gravity of battery electrolyte? ①manometer ②hygrometer ③hydrometer ④make-up water cup.

137. (3) 下列那一項因素不會使電瓶爆炸？ ①正負極電線短路 ②接線錯誤 ③電解液硫酸太稀 ④電瓶線破皮。

Which of the following factors will not cause the battery to explode? ①the positive and negative wires are short-circuited ②wiring error ③electrolyte sulfuric acid is too dilute ④the battery cable is broken.

138. (3) 下列何種物質的導電性能最好？ ①水 ②人體 ③金屬線 ④光纖維。

Which of the following substances has the best conductivity? ①water ②human body ③metal wire ④optical fiber.

139. (1) 頭部在眼睛以上部位出血，欲止血時可壓迫 ①耳前方 ②耳後方 ③鼻上處 ④頸部。

Where should pressure be applied to stop the bleeding when bleeding above the eyes? ①in front of the ear ②behind the ear ③above the nose ④neck.

140. (4) 物品之標記中邊為紅色的圖形標示 ①說明標示 ②注意標示 ③警告標示 ④禁止標示。

What does the red figure in the mark of the item indicate? ①instruction sign ②attention sign ③warning sign ④mandatory forbidden sign.

141. (2) 標記中重要作業程式、方法之有關標記，除顏色分類外，其外型通常為 ①圓形 ②長方形 ③三角形 ④梯型。

What is the appearance of the important operating procedures, methods and other related marks in the marking besides the color classification? ①round ②rectangular ③triangle ④trapezoid.

142. (3) 體格檢查發現應僱勞工不適於某種工作時， ①雇主得強迫其從事該項工作 ②雇主可解僱勞工 ③雇主不得僱用其從事該項工作 ④雇主隨勞工意願再作決定。

What can the employer do when the physical examination finds that the employee is not suitable for a certain job? ①the employer may force him to do the work ②the employer can fire the employee ③the employer must not hire him for the work ④the employer makes decisions according to the employee's wishes.

143. (4) 勞工申訴工作場所違反有關安全衛生之規定時，雇主 ①得解僱勞工 ②得將勞工調職 ③得調低勞工待遇 ④應採取必要改善措施。

When workers complain about violations of safety and health regulations in the workplace, employers: ①can lay off workers ②can transfer workers ③can lower wages of workers ④should adopt necessary improvement measures.

144. (3) 職業安全衛生法規定，工作場所有立即發生危險之虞時，得在不危及其他工作者安全情形下，自行停止作業及 ①迅速搶救 ②停止工作即可 ③退避至安全場所 ④研究對策。

The Occupational Safety and Health Act stipulates that when there is an immediate danger in the workplace, it is permissible to stop the operation on one's own without endangering the safety of other workers and to: ①rescue quickly ②just stop working ③evacuate to a safe place ④research countermeasures.

145. (3) 有關職業安全衛生法之相關規定應由 ①勞動部 ②傳播媒體 ③雇主 ④同事 負責宣導，使勞工周知。

Who should be responsible for disseminating the relevant provisions of the Occupational Safety and Health Act and keeping workers informed? ①Ministry of Labor ②media ③employers ④colleagues.

146. (2) 勞工不接受雇主安排之健康檢查，可處若干新台幣以下之罰鍰？ ①2 ②3 ③4 ④5 仟元。

Below how much fine in NTD can be imposed on workers who do not accept the health check arranged by the employer? ①2 ②3 ③4 ④5 thousand yuan.

147. (2) 雇主不依規定對勞工實施定期健康檢查，依法可處新台幣 3 萬元以上，若干元以下罰鍰？ ①14 ②15 ③16 ④17 萬元。

Employers who fail to implement regular health check-ups on workers in accordance with the regulations can be fined more than NT\$30,000, but less than how much of a fine? ①140 ②150 ③160 ④170 thousand NT dollars.

148. (1) 職業安全衛生法中所稱之雇主為 ①事業主或事業經營負責人 ②課長 ③領班 ④管理員。

Who is the employer referred to in the Occupational Safety and Health Act? ①business owner or person in charge of business management ②section chief ③foreman ④administrator.

149. (3) 職業安全衛生法施行細則規定，雇主對勞工施行體格檢查，係為 ①作為日後陞遷依據 ②檢查有無不可告人之疾 ③識別其工作適應性 ④僅供參考存檔用。

Enforcement Rules of the Occupational Safety and Health Act stipulate that employers perform physical examinations on workers. What is the purpose? ①as a basis for future promotion ②check if there are hidden diseases ③identify his/her work adaptability ④for reference and archival purposes only.

150. (4) 銅之單位體積重量(比重)大約為 ①0.7 ②3.56 ③7.87 ④8.89。

What is the approximate unit volume weight (specific gravity) of copper? ①0.7 ②3.56 ③7.87 ④8.89.

151. (3) 鋼之單位體積重量(比重)大約為 ①3.56 ②5.26 ③7.85 ④8.96。

What is the approximate unit volume weight (specific gravity) of steel? ①3.56 ②5.26 ③7.85 ④8.96.

152. (1) 力學單位 1G 之加速度等於 ①9.8m/s² ②980m/s² ③1m/s² ④1cm/s²。

What is the acceleration of 1G in the mechanical unit? ①9.8m/s² ②980m/s² ③1m/s² ④1cm/s².

153. (2) 電氣單位 1kW 之功率等於多少 kgf-m/s ①75 ②102 ③362 ④746。

What is the equivalent of 1 kW of electrical power in kgf-m/s? ①75 ②102 ③362 ④746.

154. (2) 單位面積所承受的剪斷負荷所產生的應力稱為 ①力矩 ②剪應力 ③力臂 ④應變。

What is the stress caused by the shear load per unit area called? ①moment ②shearing stress ③arm of force ④strain.

155. (2) 相同的力作用於軸上，則力臂愈大，力矩 ①愈小 ②愈大 ③無關 ④不一定。

If the same force acts on the shaft, the greater the force arm, what will the torque be? ①the smaller ②the larger ③irrelevant ④not necessarily.

156. (1) 同一直線動路上的兩動點，若其絕對速度與方向皆同，則其相對速度為 ①0 ②互為 2 倍 ③互為 3 倍 ④互為 4 倍。

What is the relative speed of two moving points on the same straight path if their absolute speed and direction are the same? ①0 ②2 times of each other ③3 times of each other ④4 times of each other.

157. (4) 軸承的功用是 ①承受軸上的扭轉力 ②糾正軸之彎曲 ③調整軸中心之位置 ④保持軸中心之位置。

What is the function of the bearing? ①subjected to the torsion force on the shaft ②correct the bending of the shaft ③adjust the position of the shaft center ④keep the position of the shaft center.

158. (3) 摩擦力的大小與下列何者有關 ①表面形狀 ②接觸面的大小 ③接觸面的粗糙度 ④速度。

Which of the following is the magnitude of friction related to? ①surface shape ②the size of the contact surface ③roughness of the contact surface ④speed.

159. (1) 制動器的制動功率與摩擦面的面積 ①成正比 ②成反比 ③平方成反比例 ④無關。

What is the relationship between the braking power of the brake and the area of the friction surface? ①proportional to ②inversely proportional to ③proportional to inverse square ④irrelevant.

160. (4) 當一機構之主動件作等速運動時，其從動件則有時運動有時靜止，此種運動機構稱 ①反向運動 ②停放 ③平行運動 ④間歇運動。

When the driver of a mechanism moves at a constant speed, the follower sometimes moves and sometimes remains stationary. What is the name of this kind of motion mechanism? ①reverse motion ②parking ③parallel motion ④intermittent motion.

161. (1) 以斜面推物時，坡度愈小則 ①愈省力 ②愈費力 ③不省力 ④不一定。

When pushing objects on the inclined plane, what happens when the slope is smaller? ①more effort-saving ②more laborious ③not effort-saving ④it depends.

162. (1) 人體通上交流電後會有觸電感覺的電流約幾毫安 ①1 ②5 ③10 ④50。

How many milliamps of electric current will the human body feel electric shock when it is connected to alternating current? ①1 ②5 ③10 ④50.

163. (4) 下列何者非向量 ①位移 ②速度 ③加速度 ④面積。

Which of the following is not a vector? ①displacement ②velocity ③acceleration ④area.

164. (3) 堆高機之電系保險絲之主要用途為 ①防止電源欠相 ②防止過電壓 ③短路保護 ④接地保護。

What is the main purpose of the electric fuse of the stacker? ①prevent power phase failure ②prevent overvoltage ③short circuit protection ④grounding protection.

165. (4) 堆高機貨架銲接後銲道周圍受熱，未消失的內部應力稱為 ①熱應力 ②熱抗力 ③熱拉力 ④殘留應力。

What is the term for the internal stress that remains unresolved caused by heat around the welding area of a forklift rack after welding? ①thermal stress ②thermal resistance ③thermal tension ④residual stress.

166. (3) 電氣設備失火時，下列何種滅火器材最合適？ ①水 ②乾砂 ③乾粉滅火器 ④泡沫滅火器。

Which fire extinguisher is most suitable for an electrical equipment fire? ①water ②dry sand ③dry powder fire extinguisher ④foam fire extinguisher.

167. (1) 沿著絕緣物的表面流向大地的電流稱為 ①漏洩 ②短路 ③額定 ④感應 電流。

What is the current that flows to the ground along the surface of the insulator? ①leakage ②short circuit ③rated ④induced.

168. (1) 銅的比重比鋼大，因此 ①同樣體積銅重量大 ②同樣的體積重量兩者一樣大 ③同樣體積鋼的重量大 ④同樣的重量銅的體積大。

Copper has a larger specific gravity than steel, so what will happen? ①under the same volume, the weight of copper is large ②under the same volume, both have the same weight ③under the same volume, the weight of steel is large ④under the same weight, the volume of copper is large.

169. (4) 計算力矩時，其力與力臂需成何種角度 ①0° ②30° ③60° ④90°。

When calculating the torque, what angle does the force and the arm of force need to make? ①0° ②30° ③60° ④90°.

170. (4) 露天儲存桶裝油料時，堆高機操作人員應使油桶 ①正立 ②斜置 ③倒立 ④側臥。

When storing barreled oil in the open air, how should the stacker operator put the oil drums? ①upright ②tilt ③stand upside down ④lie on the side.

171. (4) 安全衛生工作守則是 ①雇主訂定 ②勞工代表訂定 ③檢查單位訂定 ④勞資雙方合訂。

Who stipulates the safety and health work code? ①stipulated by the employer ②stipulated by the labor representative ③stipulated by the inspection entity ④stipulated by labor and management.

172. (2) 雇主對於勞工從事載貨臺裝卸貨物其高差在多少公尺以上者，應提供職業安全上下之設備 ①1 ②1.5 ③2.0 ④2.5。

For workers who are engaged in loading and unloading goods on the loading platform, how many meters above the height difference should the employer provide occupational safety equipment? ①1 ②1.5 ③2.0 ④2.5.

173. (3) 雇主對於草袋、麻袋、塑膠袋等袋裝容器構成之積垛，高度在 2 公尺以上者，應規定其積垛與積垛間下端之距離在多少公分以上 ①1 ②5 ③10 ④15。

For the stacks of straw sacks, gunny bags, plastic bags and other bagged containers that are above 2 meters in height, at more than how many centimeters should the employer specify the distance between the stack and the lower end of the stack? ①1 ②5 ③10 ④15.

174. (4) 堆高機裝卸裝置使用之鏈條，其安全係數應在多少以上 ①1 ②2 ③3 ④5。

What is the safety factor of the chain used in the stacker loading and unloading device? ①1 ②2 ③3 ④5.

175. (2) 堆高機應設置前照燈及後照燈，但堆高機已註明限照度良好場所使用者， ①一律設置 ②不在此限 ③不用設置 ④不一定設置。

Stackers should be equipped with headlights and backlights, but for those stackers that have been limited for use in places with good illumination, what should be done? ①always be equipped as well ②not subject to the limit ③no need to be equipped ④not necessarily to be equipped.

176. (2) 堆高機應設置符合規定之頂蓬，其頂蓬強度足以承受堆高機最大荷重之 2 倍之值等分佈靜荷重，其值逾 4 公噸者為多少公噸 ①3 ②4 ③5 ④6。

The stacker should be equipped with a head living that meets the requirements. The head living is strong enough to withstand the uniformly distributed static load of twice the maximum load of the stacker. How many metric tons is the value of more than 4 metric tons? ①3 ②4 ③5 ④6.

177. (2) 職業災害發生的人為原因，主要是： ①不安全的行為加不安全的環境 ②不安全的行為加不守法的勞工 ③不安全的工具加不安全的環境 ④不安全的物料加不安全的環境。

What is the main man-made cause of occupational disasters? ①unsafe behavior plus unsafe environment ②unsafe behavior plus unlawful labor ③unsafe tools plus unsafe environment ④unsafe materials plus unsafe environment.

178. (1) 堆高機應每年就該機械之整體實施檢查 ①一次 ②二次 ③三次 ④五次。

How many times should the stacker be inspected as a whole for the machinery every year? ①once ②twice ③three times ④five times.

179. (4) 堆高機應每月就下列規定定期實施檢查一次，何者為非 ①制動裝置、離合器及方向裝置 ②積載裝置及油壓裝置 ③頂蓬及桅桿 ④制動器、連結裝置及各種儀器。

The stacker shall be inspected regularly once a month in accordance with the following regulations. What is wrong? ①braking device, clutch and steering device ②stowage device and hydraulic device ③head living and mast ④brakes, interservice and various instruments.

180. (4) 物品重量達多少公斤以上，以機動車輛或其他機械搬運為宜，運輸路線，應妥善規劃並作標示？ ①100 ②200 ③300 ④500。

How many kilograms or more of an item should be transported by a motor vehicle or other machinery, and the transportation route should be properly planned and marked? ①100 ②200 ③300 ④500.

181. (4) 車輛機械之作業或移動，有撞擊工作者之虞時，應置 ①導覽人員 ②解說人員 ③現場監督人員 ④管制引導人員。

What kind of personnel should be provided when there is a risk of hitting workers during the operation or movement of vehicles and machinery? ①guide staff ②commentators ③on-site supervisors ④control and guide personnel.

182. (4) 車輛及堆高機之修理或附屬裝置之安裝；拆卸等工作時，於機臂、突樑、升降台及車台應使用 ①千斤頂 ②輪檔 ③防滑墊 ④安全支柱、絞車等防止物體飛落之設施。

What should be used on the boom, jib, lifting table and dolly when repairing vehicles and stackers or installing and disassembling auxiliary devices? ①jack ②chock ③non-slip matting ④safe legs, winches and other facilities to prevent objects from flying off.

183. (2) 堆高機又稱叉舉車，我國國家標準局認證編號為 ①CNS9150 ②CNS9250 ③CNS9350 ④CNS9550。

A stacker is also called a forklift. What is the certification number of the National Bureau of Standards of my country? ①CNS9150 ②CNS9250 ③CNS9350 ④CNS9550.

184. (4) 提供者提供之堆高機其構造、性能及防護未能符合安全標準者將處罰緩多少新台幣 ①5 萬元至 20 萬元 ②10 萬元至 50 萬元 ③20 萬元至 100 萬元 ④20 萬元至 200 萬元。

If the structure, performance and protection of the forklift provided by the provider fail to meet the safety standards, how much will the penalty be suspended? ①NT\$50,000 to NT\$200,000 ②NT\$100,000 to NT\$500,000 ③NT\$200,000 to NT\$1 million ④NT\$200,000 to NT\$2 million.

185. (2) 電力動力堆高機充電時嚴禁 ①未關開關 ②烟火 ③風速過大 ④電力不穩定。

What must be strictly avoided when charging an electric forklift? ①leaving the switch on ②fire or sparks ③high wind speeds ④unstable power supply.

186. (1) 堆高機的安全標示之識別號碼為 ①廠商代碼 ②型式檢定合格證號 ③標示序號 ④驗證



TD00000

號碼。



TD00000

What is the identification number of the safety marking of the stacker? ①

manufacturer code ②type verification certificate number ③marking serial number ④ verification number.

187. (1) 配衡型堆高機之額定荷重幾噸以下，需於產品明顯處張貼安全標示 ①10 ②15 ③20 ④25。

Safety signs must be posted in obvious locations of the products for counterbalanced stackers with how many tons of rated load or below? ①10 ②15 ③20 ④25.

188. (3) 堆高機操作人員在工作中感到疲勞情況下，下列處理方式何者錯誤 ①小睡一下 ②下車洗洗臉 ③喝含酒精性飲料 ④下車走動一下。

When the stacker operator feels fatigued at work, which of the following solutions is wrong?

①take a nap ②get out of the car and wash his face ③drink alcoholic beverages ④get out of the car and walk around.

189. (3) 下列何者不是堆高機作業主要災害類型為 ①被堆高機撞擊 ②物料倒塌 ③低速慢行 ④堆高機翻覆。

Which of the following is not the main disaster type of stacker operation? ①hit by a stacker ② material collapse ③drive slowly at low speed ④the stacker overturns.

190. (3) 雇主未依規定於堆高機駕駛座配置安全帶，依法處罰鍰多少新台幣？ ①300 元以上至 3,000 元以下 ②3,000 元以上至 30,000 元以下 ③30,000 元以上至 300,000 元以下 ④15,000 元以上至 150,000 元以下。

What is the fine in New Taiwan Dollars if the employer fails to install a safety belt on a forklift driver's seat as required by law? ①300 to 3,000 NTD ②3,000 to 30,000 NTD ③30,000 to 300,000 NTD ④15,000 to 150,000 NTD.

191. (1) 現行堆高機必須使擔任駕駛之勞工確實使用駕駛座安全帶為 ①座式配重平衡型堆高機及側舉型堆高機 ②檢提型堆高機及桅桿型堆高機 ③伸縮型堆高機與越野型堆高機 ④桅桿轉動型堆高機與動力拖板車。

What is the requirement for the current stacker to ensure that the driver is actually using the driver's seat belt? ①seat counterbalance lift truck and side loading lift truck ②turret lift truck and reach lift truck ③telescopic materials handler and rough terrain lift truck ④swing mast truck and pedestrian controlled lift truck.