

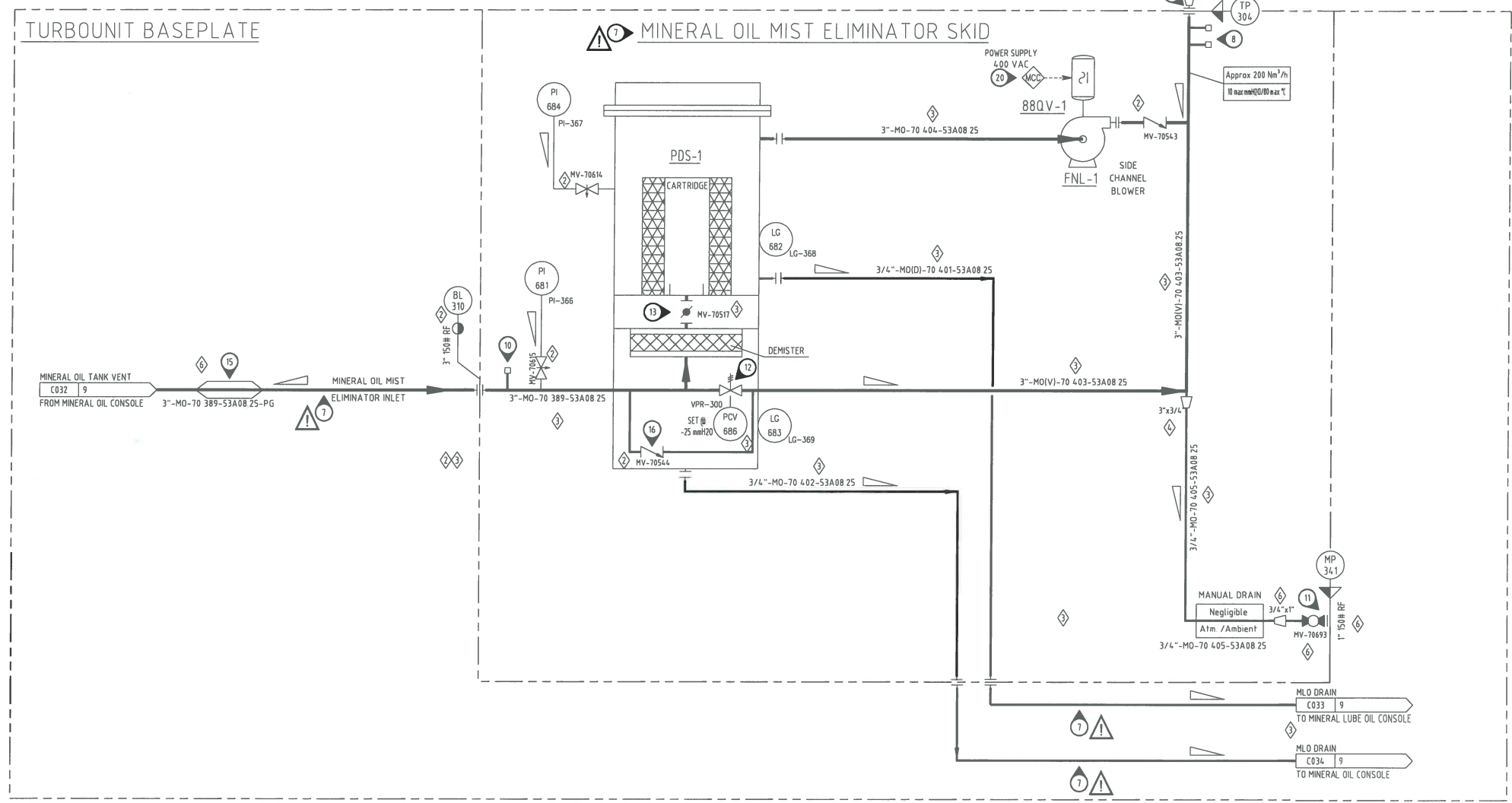
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88QV-1
SERVICE: MINERAL OIL STAT FAN MOTOR
POWER SUPPLY: 400 V / 50 Hz / 3 Ph
NAMEPLATE POWER: 3 kW
SPEED: 2900 rpm

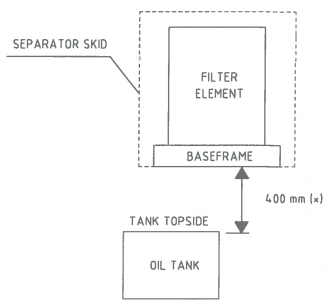
PDS-2
SERVICE: SYNTHETIC OIL STAT
DESIGN PRESS. & TEMP: +/- 0.5 bar G / 200 °C
MATERIALS OF CONSTR: AISI 316L

PDS-1
SERVICE: MINERAL OIL STAT FAN
DESIGN PRESS. & TEMP: +/- 0.2 bar G / 100 °C
MATERIALS OF CONSTR: AISI 316L

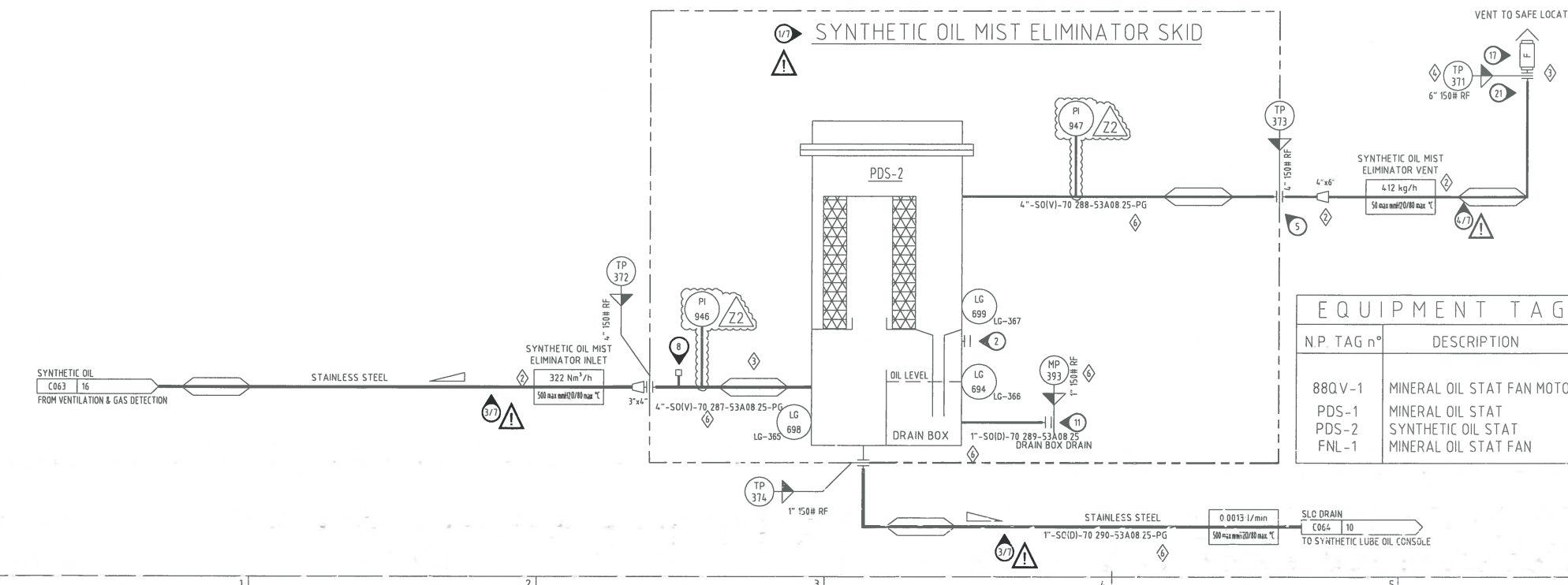
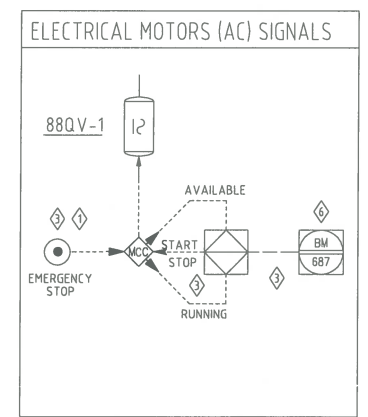
FNL-1
SERVICE: MINERAL OIL STAT FAN
CAPACITY: 200 Nm³/h
POWER REQ: 2.5 kW
OPERATING POINT: -1000mmH2O



- NOTES
- THE OIL MIST ELIMINATOR SKID MUST BE PLACED IN THE PLANT AS FOLLOWS:
 - UTILITY CONNECTION FOR AIR/OIL SAMPLE AND FLOW MEASUREMENT
 - TEMPERATURE PORT PROVISION
 - UTILITY CONNECTION FOR AIR/OIL SAMPLE
 - NO EXPECTED OIL ACCUMULATED PERIODICALLY VERIFY ANY OIL/RAIN WATER PRESENCE BY LG AND DRAIN IF NECESSARY. TO BE WASTED
 - VALVE TO BE ADJUSTED WHILE THE BLOWER IS IN OPERATION TO REACH ABOUT A NEGATIVE PRESSURE INSIDE THE TANK BETWEEN 0 AND -25 mmH2O
 - CARTRIDGE MAINTENANCE VALVE
 - MAX ALLOWED BACKPRESSURE IS 10 mmH2O
 - INSULATED FOR PERSONNEL PROTECTION
 - THE MAXIMUM ACCEPTABLE TOTAL PRESSURE DROP OF THE ENTIRE MINERAL OIL MIST ELIMINATOR SKID (INLET AND OUTLET), WHEN IT IS IN BY-PASS CONDITION, MUST BE 20mmH2O
 - FLAME ARRESTER SHALL BE SUPPLIED AS LOOSE ITEM
 - N.A.
 - N.A.
 - SEE DETAIL ELECTRIC MOTOR (AC) SIGNALS
 - MAX PRESSURE DROP FOR INTERCONNECTING PIPING SHALL BE 40mmH2O
 - MAX PRESSURE DROP FOR INTERCONNECTING PIPING SHALL BE 9mmH2O




- (x) MINIMUM HEAD TO BE GUARANTEE TO AVOID BLOW-BY OF OIL TO SEPARATOR THROUGH DRAIN LINE ACTUAL HEAD SHALL TAKE INTO ACCOUNT REQUIREMENT OF CONTINUOUS SLOPE OF DRAIN PIPE
- DRAIN BOX FILLING FLANGE THE DRAIN BOX MUST BE FILLED WITH RELEVANT LUBE OIL BEFORE RUNNING THE SYSTEM (FAILED FILLING WILL RESULT IN OIL MIST RECIRCULATION ACROSS THE DRAIN PIPING NETWORK)
 - INTERCONNECTING PIPING TO BE IN STAINLESS STEEL AND INSULATED FOR PERSONNEL PROTECTION (EHS)
 - VENT SHALL NOT BE CONNECTED TO ANY OTHER VENT SYSTEM VENT MUST BE ROUTED DIRECTLY TO ATMOSPHERE IN SAFE LOCATION TO MEET FOLLOWING PRESCRIPTIONS:
 - AVOID THE DISCHARGED AIR ENTERING INTO THE TURBINE INTAKE FILTER
 - NO EXISTING SURROUNDING HOT SURFACES (>150°C) ALLOWED
 - NO EXISTING SURROUNDING SPARK SOURCES ALLOWEDTHE VENT LINE MUST BE NO POCKET AND ARRANGED IN ORDER TO PREVENT THE ENTRY OF WATER DIRT AND OTHER CONTAMINANTS THE VENT LINE SHALL BE MADE OF STAINLESS STEEL
 - MAX ALLOWED BACKPRESSURE IS 50 mmH2O
 - LOCATE FARAWAY FROM WALKING AREAS TO AVOID RISK OF SLIPPERY SURFACES RESIDUAL OIL CONTENT IN THE VENT OUTLET 5mg/Nm³ IN THE WHOLE FLOW RANGE
 - TO AVOID RISK OF FIRE DUE TO POTENTIAL OIL DROPLETS LEAKAGE DURING OPERATION, THE WHOLE OIL MIST SEPARATION SYSTEM:
 - INTERCONNECTING PIPING FROM TANK TO SEPARATOR CONSOLE
 - THE SEPARATOR CONSOLE
 - THE VENT LINE FROM SEPARATOR CONSOLE TO ATMOSPHERIC DISCHARGE
 - THE DRAIN LINE FROM SEPARATOR CONSOLE TO OIL TANKMUST BE ARRANGED IN ORDER TO AVOID THE PRESENCE OF UNDERLYING HOT (>150°C) SURFACES



EQUIPMENT TAG NUMBERS			
N.P. TAG n°	DESCRIPTION	CUSTOMER TAG n°	
88QV-1	MINERAL OIL STAT FAN MOTOR	X-7001A	X-7001B
PDS-1	MINERAL OIL STAT	BM-7058A	BM-7058B
PDS-2	SYNTHETIC OIL STAT	F-7058A	F-7058B
FNL-1	MINERAL OIL STAT FAN	F-7059A	F-7059B
		B-7058A	B-7058B

Nexen Petroleum (U.K.) Limited					
VENDOR : GE Nuova Pignone (AMEC FW)					
EQUIPMENT TITLE : PIPING & INSTRUMENT DIAGRAMS					
EQUIPMENT TAG NO(S) : X-7001A/B, X-5701A/B					
Vendor Document Number					
Purchase Order	No	Doc Type	Seq. Sheet	Rev.	DATE
		Code	No		
168397 - 200 - PO - 3270		MC2 - 001 - 12		Z2	22/1/14
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Accepted With Comments (Assai Code - AWC) - Generally acceptable but elements require to be addressed. Document shall be revised by Supplier to incorporate the necessary changes and subsequently re-submitted.					
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Z2	22/1/14	AS-BUILT FOR GMCO192		W. B. B. B. B.	
REV	DATE	DESCRIPTION		DRN	CHK APP CLT

	TITLE	MIST SEPARATION P&I DIAGRAM	DOCUMENT CODE	SOM5081932	REVISION	11
	REVISION DESCRIPTION NO REVISION IS INTRODUCED IN THIS SHEET		PAGE NUMBER N/A	SECURITY CODE H		
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