



## **BUMI PED TRANSFORM**

**Menurunkan Unsafe Proses Delivery Makanan ke Lt. 2 Kantin Krw12  
Dengan Installasi Auto & Live Monitoring Lifter**

**Oktober – Maret 2023**

# **MANAGER PROMOTION**

## **MGR PROMOTION THEME :**

Success 3 multiyear Project, with Meet Requirement , Min Cost by  
Flexibility Member UBE Sunter Karawang

## A. Manager Promotion Profile

### Data Manager



#### Profile :

Nama : Noto Bunawan  
 ID : 9507525  
 Posisi : Dept. Head  
 Dept : PED –UBE  
 Exp : 28 Tahun  
 Hobi : Badminton

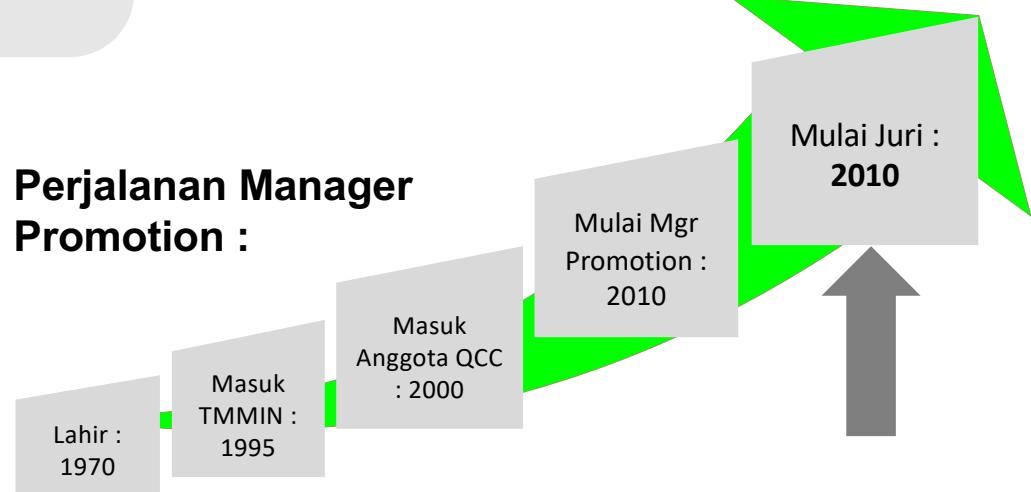


#### Filosofi Hidup :

**COMPANY ➔ ENJOY WORK ABILITY**

**BAHAGIA , HANYALAH SUDUT PANDANG**

#### Perjalanan Manager Promotion :



## B. PED UBE - Hoshin & Activity Plan 22.23



**Bpk. Nandi [Presdir Message] :**  
Follow Safety, Quality, Productivity  
sebagai landasan KPI

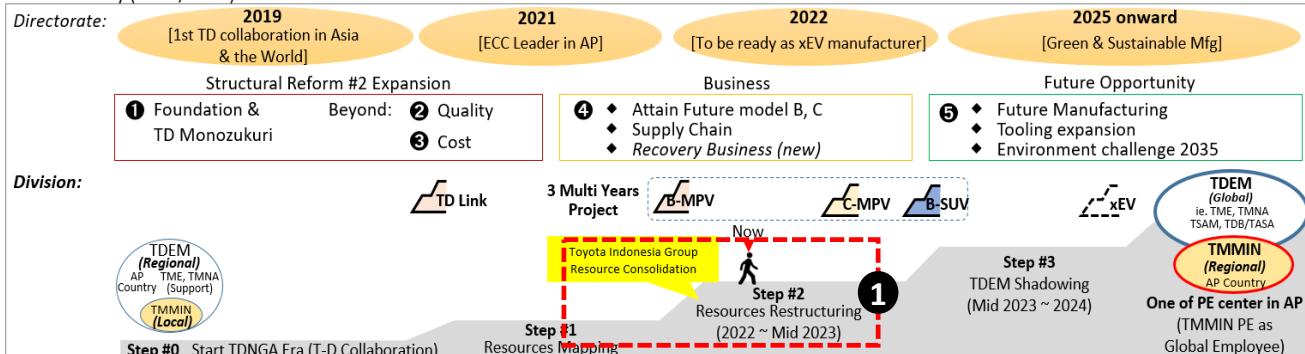


**Bpk. I Nyoman [Dir. Message] :**  
Analisis safety secara mendalam  
dengan aktivitas genba yang kuat  
dan dengarkan voice member

DIV. : Production Engineering

### FY22/23 Division Strategic Execution Plan

#### A. Division Policy (2022 / 2023)



**Bpk. Hendri [DH Message] :**  
Buat planning yang jelas,  
speedy execution, kolaborasi  
dengan semua pihak

#### B. Division Top Management Way of Thinking (This Year Focus)

1. Restructure basic safety through human ability development & achieve competitiveness beyond the best by DX activity & proactive CR activity align with 3 multi years project execution
2. Smooth execution of 3 model multi years project including HEV by strengthen Henkaten Mgmt, Human Development, flexible manufacturing, TD collaboration
3. Take leadership as 1st country leader (C-MPV & B-SUV) through good documentation & communication as "One Team"
4. Carbon Neutral Manufacturing on 2035 preparation by expand green technology implementation & shared to Toyota Group supply chain

b. Goguchi level up Activity	5. Execute Plant improvement Activity to support goguchi level up: <ul style="list-style-type: none"> <li>- Renewal equipment for smooth goguchi operation</li> <li>- Automation &amp; new Technology implementation</li> <li>- Absorb member voice to ensure enjoyable workplace</li> </ul>	On Schedule Zero Accident Zero L/S Impact	3	Canopy Final Test Cargo Lifter Tire balancer renewal	Cooling Twr Cooling Coil	BFPE TPE APE	MO GW AS
		Goguchi level up		NCS-Line Auto		UBE	NB

#### Fokus aktivitas QCC UBE mendukung Execution Plan Divisi & Directorate 22.23 :

- 1 Resources restructuring
- 2 Basic safety restructuring
- 3 Goguchi level up (automation, new technology untuk menindaklanjuti member voice)

## C. PED UBE - Dept Situation FY 22/23



### TMMIN – PED (Production Engineering Division)

**UBE**

Utility & Building Eng.

BFPE

TPE

APE

PEP

SH & Env.

#### Profile :

**KPI UBE** : Employee Facility & Equipment Facility with Meet Requirement ( S,Q,C,M,E )

- Building Eng :**
- Expansion
  - Improvement
  - Big repair

- Utility Eng :**
- New Installation
  - Kaizen
  - Renewable energy

**QCC BUMI**  
Bersama UBE mengkonsistenkan improvement :

- Improve skill member dalam ber-ide & kaizen
- Improve suasana kerja nyaman untuk member



#### Kadai dan voice member UBE FY 22/23 :

- ① Skill Sipil & ME yang belum merata → skill up
- ② Lokasi member terpisah sunter – krw → koordinasi horizontal kurang maksimal
- ③ Mobilitas SH up tinggi → koordinasi vertikal kurang maksimal

# D. PED UBE - Dept Strategy FY 22.23

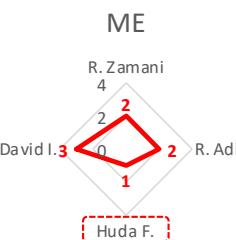
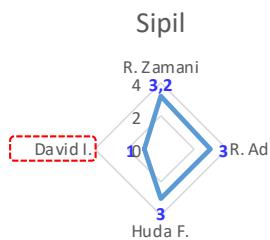
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## Kadai & Strategy

No.	Kadai	Target	Strategy	PIC	Schedule
1	Improvement kurang maksimal → <u>Skill Sipil &amp; ME belum merata</u>	<u>Level up skill teknis</u> member untuk mensupport KPI Company	➔ <u>Rotasi member</u> sipil (Huda) dengan ME (David) ➔ <u>Mentoring</u> dari master sipil (Rijal) ME (Suyono)	- Rijal (Sipil) - Suyono (ME)	Apr-Mar'23
2	Jarak & mobilitas tinggi → <u>Komunikasi horizontal &amp; vertikal kurang efektif</u>	<u>Meningkatkan kekompakkan tim</u> untuk memastikan komunikasi yang lancar dalam setiap aktivitas	➔ <u>Jalankan Tour</u> : PTA; kumpul member maupun keluarga yang lebih intens pasca covid-19	Dibentuk PIC kumpul2 - Rustika (Leader) - Pengawas (Support)	Apr-Mar'23

## Evaluasi Skill UBE

- 1 belum bisa, pengamat
- 2 bisa dengan pendampingan
- 3 bisa mandiri
- 4 bisa mengajari



## Proposal Tour UBE

1. Letter kirimking
2. Target
3. Resources Profile
4. Proposed

## Schedule Development UBE FY 22/23

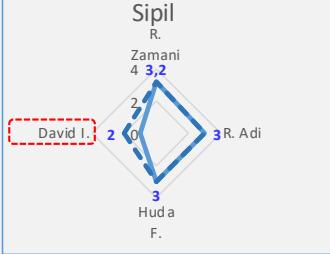
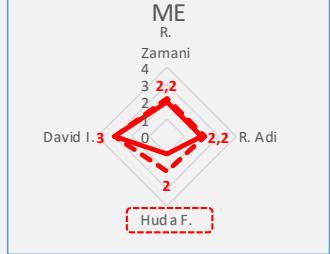
No.	Activity	PIC	Mentor	Schedule											
				Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
I	<b>QCC UBE</b>														
A	Theme I														
1	CL	David	Rijal												
2	TL	Zamani													
B	Theme II														
1	CL	Huda	Suyono												
2	TL	David													
II	<b>UBE SKILL</b>														
A	ME														
1	Basic ME study	Huda	Suyono												
2	Basic ME practice														
3	Actualisation :														
	- Misc work														
	- Capex renewal eq														
	- RE energy														
B	Civil														
1	Basic Civil study	David	Rijal												
2	Basic Civil practice														
3	Actualisation :														
	- Misc work														
	- Facility renewal														
III	<b>QCC UBE</b>														
1	TOUR	Rustika	Rijal												
2	PTA	Zamani													
3	Kumpul2 bulanan	Irpri													

Karawang DPH SepSH 2SH 2  
DPR SH SH  
*[Handwritten signatures]*

QCC Semester 2 FY 22/23

## D. PED UBE - Dept Result FY 22.23

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No.	Aktivitas	Foto	Hasil	Evaluasi
1	<ul style="list-style-type: none"> <li>➔ Rotasi member skill sipil (Huda) dengan ME (David)</li> <li>➔ Mentoring dari master sipil (Rijal) ME (Suyono)</li> </ul>	  	<p>➔ 2 member dengan skill fleksibel bisa lebih cepat dalam menangani project mix (sipil &amp; ME) :</p> <ul style="list-style-type: none"> <li>- Huda (Follow solar PV; CT relocation job)</li> <li>- David (Follow facility PJ toilet, gazebo)</li> </ul> <p># Next continue untuk achieve minimum level target</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Sipil R. Zamani 4 3,2 2 0 3 R. Adi 3 Huda F.</p> </div> <div style="text-align: center;">  <p>ME R. Zamani 4 2,2 3 2,2 2 2,2 R. Adi 1 0 2 Huda F.</p> </div> </div>	
2	<ul style="list-style-type: none"> <li>➔ Jalankan Tour; PTA; kumpul keluarga yang lebih intens pasca covid-19</li> </ul>	  	<p>➔ Antusiasme keluarga UBE untuk berkumpul lagi setelah pandemic covid terpenuhi</p> <p>➔ Full support sunter area terkait support beberapa aktivitas user baru bisa terfollow</p>	



# CLMA

BUMI PED



Est. 2016

**Menurunkan unsafe proses delivery bahan & alat makan  
ke lantai 2 kantin karawang P12**

# BUMI

Bersama UBE  
Mengkonsistensikan  
Improvement

TMMIN – PED

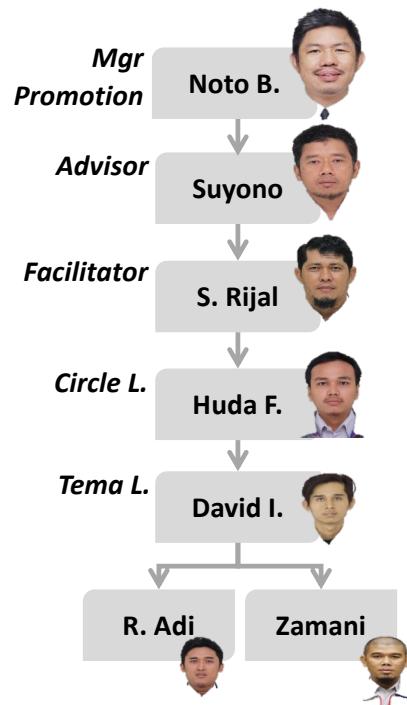
Utility & Plant Build. Eng. Dept.

## B. Organization & QCC Themes

### Profile

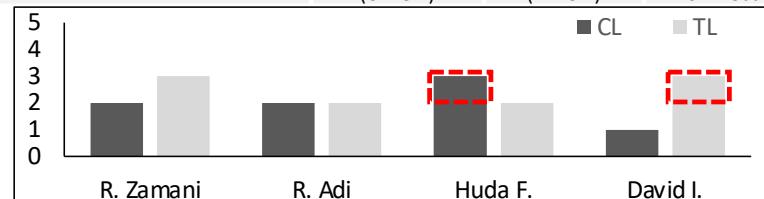
Nama Group : BUMI  
 Dibentuk : 15-01-2016  
 Kehadiran : 92%  
 Tema Selesai : 10 Tema

### Organisasi QCC Ke-10 :



### BUMI PED menuju QCC TMMIN TAM 2023 (47<sup>th</sup>) :

No	Tema	CL	TL	Pencapaian
12	To be confirmed	R. Adi (CL ke-3)	Huda F. (TL ke-3)	FY 23.24 – Semester 2
11	To be confirmed	R. Zamani (CL ke-3)	R. Adi (TL ke-3)	FY 23.24 – Semester 1
10	<b>Menurunkan unsafe proses delivery makanan ke lantai 2 kantin karawang P12</b>	<b>Huda F. (CL ke-3)</b>	<b>David I. (TL ke-3)</b>	<b>FY 22.23 – Semester 2</b> <b>TMMIN TAM Winner</b>
9	Menurunkan komplain fasilitas rusak di area Karawang 12 Phase #2	David I. (CL ke-1)	R. Zamani (TL ke-3)	FY 22.23 – Semester 1 Divisi
8	Menurunkan komplain fasilitas rusak di area Karawang 12	Huda F. (CL ke-2)	David I. (TL ke-2)	FY 21.22 – Semester 2 TMMIN TAM : Finalis
7	Meningkatkan kemudahan proses informasi projectdi masa pandemic covid-19	R. Zamani (CL ke-2)	R. Adi (TL ke-2)	FY 20.21 – Semester 1 Directorate : Finalis
6	Menurunkan pressure Cooling Water ⌂ #2 saat off produksi	Huda F. (CL ke-1)	David I. (TL ke-1)	FY 19.20 – Semester 2 Directorate : Adv. Theme
5	Menurunkan komplain pada schedule proses "Plan Proyek"	R. Adi (CL ke-2)	R. Zamani (TL ke-2)	FY 18.19 – Semester 2 Divisi : Finalis
4	Menghilangkan temuan Rank A pekerjaan HPW	R. Zamani (CL ke-1)	Huda F. (TL ke-2)	FY 17.18 – Semester 2 Divisi : Finalis
3	Mengatasi problem banjir Krw P#1 & #2	R. Adi (CL ke-1)	R. Zamani (TL ke-1)	FY 16.17 – Semester 2 Division : Finalis
2	Mengurangi add. cost proyek pekerjaan arsitektur	Sugiyono (CL ke-2)	Huda F. (TL ke-1)	FY 15.16 – Semester 2 Divisi : 2 <sup>nd</sup> Winner
1	Mengurangi keterlambatan proses BAP proyek regular	Sugiyono (CL ke-1)	R. Adi (TL ke-1)	FY 15.16 – Semester 1 Divisi : Debutan



BUMI PED Berkomitmen melanjutkan improvement TMMIN melalui QCC berkelanjutan

## C. Circle Leader (CL) Activity – 1. Profile

3

### Data Circle Leader



#### Profile :

Nama : Huda F. Sawitara  
ID : 1324405  
Posisi : Staff  
Dept : PED-UBE  
Exp : 9 tahun  
Hobi : Jalan - jalan



Lahir :  
1991

Masuk  
TMMIN :  
2013

Masuk  
Anggota QCC  
: 2016

1<sup>st</sup> Tema  
Leader :  
Okt 2017

Circle Leader  
Sep 2019,  
Sep 2021,  
**Sep 2022**

### Filosofi Hidup :

#### Filosofi Sawitara :

- **Nilai sebuah Pohon Sawit :**  
Pribadi → Kita harus survive dan terus bernilai dan berkembang  
Kelompok → Bermanfaatlah bagi orang lain



### Perjalanan Circle Leader :

## C. CL Activity – 2. Assessment Before

Level Assesment Before QCC

BUMI PED			Pre Assesment												
No	Name	Service Period	Axis - X ( Circle Capabilities )					Axis - Y ( Working Area )					Zone		
			QCC & Step Solving		Leadership	7 Tools	Tanoko Job	Kaizen	Ave	Team Work	Meeting	Communication	Motivation	Safety & 5R	
			A	B	C	D	E		A	B	C	D	E	Ave	
1	R. Zamani	27 tahun	3,0	3,0	3,0	3,0	4,0	3,2	2,5	2,7	3,0	3,0	4,0	3,0	B
2	Rustika Adi	9 tahun	3,0	3,0	3,0	3,0	3,0	3,0	3,0	2,7	3,0	3,0	3,0	2,9	C
3	Huda F.	9 tahun	3,0	3,0	3,0	3,0	3,0	3,0	3,0	2,7	3,0	3,0	3,0	2,9	C
4	David I.	8 tahun	2,0	3,0	3,0	3,0	3,0	2,8	2,5	2,7	3,0	3,0	3,0	2,8	C
<b>Average</b>			<b>2,8</b>	3,0	3,0	3,0	<b>3,3</b>	<b>3,0</b>	2,8	<b>2,7</b>	3,0	3,0	<b>3,3</b>	<b>2,9</b>	

**Weakness**

**Strength**

**Weakness**

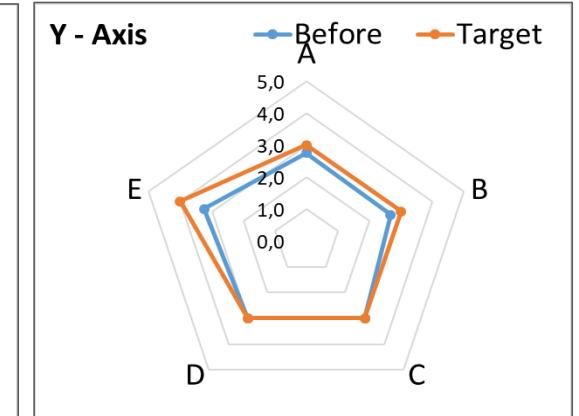
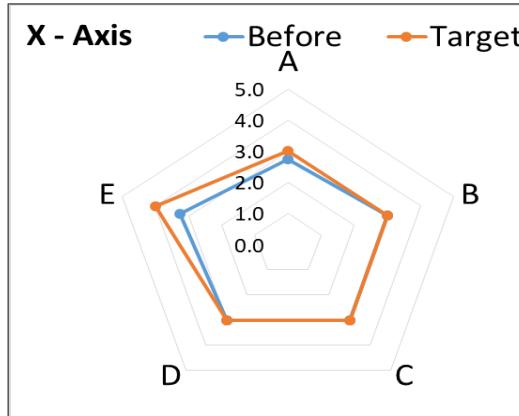
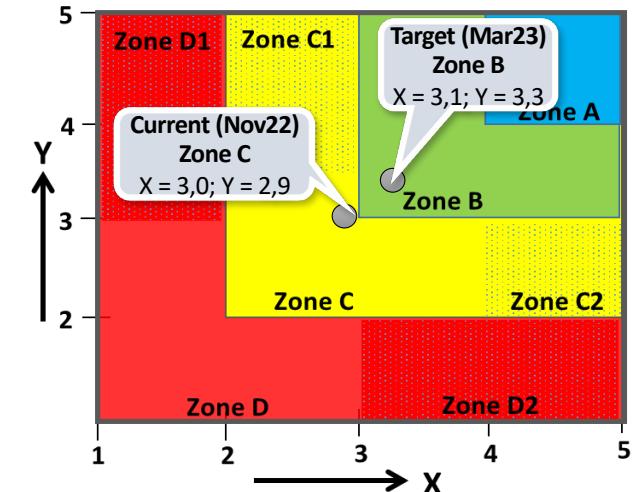
**Strength**

**Strength**

(X) → Member mampu beride mandiri  
(Y) → Member menjalankan 5R dengan baik

**Weakness**

(X) → Pemahaman GQCC tim masih rendah  
(Y) → Kuantitas & kualitas pertemuan tim kurang



## C. CL Activity – 3. Group Level Up

5



**Concern Strategy CL :**  
CL skill level up + member skill level up = hasil

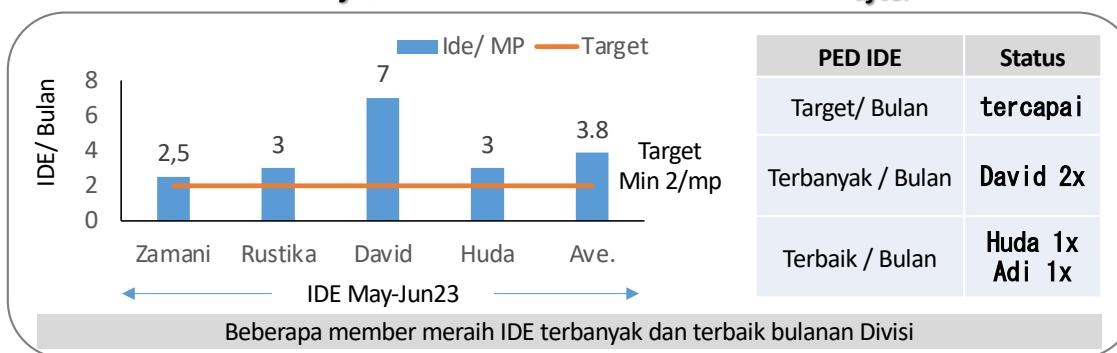
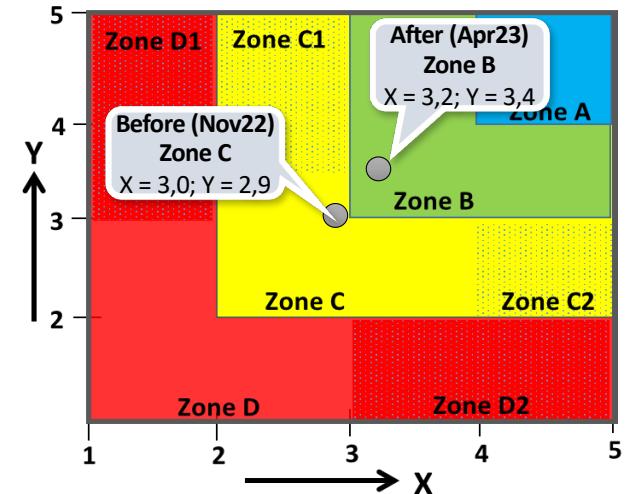


No.	Kelemahan	Target	Strategi	Aktivitas	Pembagian PIC Step																		
1	Pemahaman GQCC tim masih rendah	➔ Level up team skill GQCC	➔ <a href="#">Training GQCC</a> dari expert (Unit Plant) Bpk. Widodo		<b>Theme Activity</b> <table border="1"> <tr><td>Step 0-2</td><td>Huda</td></tr> <tr><td>Step 1</td><td>David</td></tr> <tr><td>Step 2</td><td>R. Adi</td></tr> <tr><td>Step 3</td><td>R. Adi</td></tr> <tr><td>Step 4</td><td>Zamani</td></tr> <tr><td>Step 5</td><td>Zamani</td></tr> <tr><td>Step 6</td><td>Huda</td></tr> <tr><td>Step 7</td><td>David</td></tr> <tr><td>Step 8</td><td>R. Adi</td></tr> </table>	Step 0-2	Huda	Step 1	David	Step 2	R. Adi	Step 3	R. Adi	Step 4	Zamani	Step 5	Zamani	Step 6	Huda	Step 7	David	Step 8	R. Adi
Step 0-2	Huda																						
Step 1	David																						
Step 2	R. Adi																						
Step 3	R. Adi																						
Step 4	Zamani																						
Step 5	Zamani																						
Step 6	Huda																						
Step 7	David																						
Step 8	R. Adi																						
➔ Penunjukkan <a href="#">PIC khusus untuk setiap step</a> GQCC																							
2	Kuantitas & kualitas pertemuan tim kurang	Tingkatkan frekuensi dan kualitas diskusi & pertemuan anggota	➔ Book <a href="#">regular meeting variatif</a> (in room, kantin, luar TMMIN) sampai dengan DpH level  ➔ <a href="#">Mentoring khusus</a> senior (P. Zamani) ke junior (P. David)	 	 Kaizen yang baik, perlu banyak genba Pak David   Pak Zamani (27 th) menjadi mentor Pak David (8 th) sebagai TL 																		

## C. CL Activity – 4. Assesment After

Level Assesment After QCC

BUMI PED			Post Assesment												
No	Name	Service Period	Axis - X ( Circle Capabilities )					Axis - Y ( Working Area)					Ave	Zone	
			Leadership	7 Tools	Tanoko Job	Kaizen	Ave	Team Work	Meeting	Communication	Motivation	Safety & 5R			
			A	B	C	D	E	A	B	C	D	E			
1	R. Zamani	27 tahun	4,0	3,0	3,0	3,0	4,0	3,4	3,5	3,0	3,0	3,0	4,0	3,3	<b>B</b>
2	Rustika Adi	9 tahun	3,0	3,0	3,0	3,0	4,0	3,2	4,0	3,7	3,0	3,0	3,0	3,3	<b>B</b>
3	Huda F.	9 tahun	4,0	3,0	3,0	3,0	3,0	3,2	4,0	3,7	3,0	3,0	4,0	3,5	<b>B</b>
4	David I.	8 tahun	3,0	3,0	3,0	3,0	3,0	3,0	3,5	3,7	3,0	3,0	3,0	3,2	<b>B</b>
<b>Average</b>			<b>3,5</b>	<b>3,0</b>	<b>3,0</b>	<b>3,0</b>	<b>3,5</b>	<b>3,2</b>	<b>3,8</b>	<b>3,5</b>	<b>3,0</b>	<b>3,0</b>	<b>3,5</b>	<b>3,4</b>	



Skill assesment secara total mencapai target ( $X=3,2$ ;  $Y=3,4$ ).  
Pak David meningkat dari ( $X=2,8$ ;  $Y=2,8$ ) menjadi ( $X=3,0$ ;  $Y=3,2$ ).

# Step 0 – 1. Pemilihan Tema

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Pengumpulan member voice pada Kamis, 20 Oktober 2022 :

No.	Nama	Voice	KPI						Follow Up	Voting	Tindak Lanjut	
			S	Q	C	D	P	HR			QCC	IDEA
1	Huda F.	Temuan unsafe proses delivery bahan & alat makan ke lantai 2 kantin karawang P12.	✓		✓	✓	✓		QCC	1st	II	-
2	R. Adi	Solar PV lampu jalan mati, tidak sesuai rencana.		✓	✓		✓		QCC	2nd	I	-
3	David	Toilet car pool belum standar seperti toilet yang Assy1 timur.		✓				✓	QCC	3rd	I	-
4	R Zamani	Beberapa project tidak bisa lanjut next activity karena PIC bukan PED.					✓		Idea	-	-	-

Diskusi dengan advisor dalam evaluasi aspek pertimbangan :

No.	Daftar Masalah	Pekerjaan jadi lebih mudah	Bisa diselesaikan tim QCC	Bisa selesai tepat waktu	Dampak jika tidak selesai	Dampak ke perusahaan	Total	Prio.
1	Temuan unsafe proses delivery bahan & alat makan ke lantai 2 kantin karawang P12.	3	3	3	2	3	14	I
2	Solar PV lampu jalan mati, tidak sesuai rencana.	3	3	2	1	2	11	III
3	Toilet car pool belum standar seperti toilet yang Assy1 timur.	3	3	2	1	3	12	II

Kami Sepakat !!!



1 ⇒ < 25%	1 ⇒ Tidak bisa	1 ⇒ Tidak bisa	1 ⇒ Tidak ada	1 ⇒ Kecil
2 ⇒ 25~75%	2 ⇒ butuh bantuan	2 ⇒ Mungkin	2 ⇒ Sedang	2 ⇒ Sedang
3 ⇒ > 75%	3 ⇒ Bisa	3 ⇒ Bisa	3 ⇒ Line stop	3 ⇒ Besar

Dari aspek pertimbangan di atas, grup kami sepakat memilih tema berikut :

Menurunkan unsafe proses delivery bahan & alat makan ke lantai 2 kantin karawang P12

## Step 0 – 1. Pemilihan Tema

8

Alasan pemilihan tema :

- ① Voice member temuan unsafe proses delivery bahan & alat makan ke lantai 2 kantin karawang P12.
- ② Company Strategic Action Plan FY22/23 : Absorb member voice memastikan area kerja yang aman & nyaman.

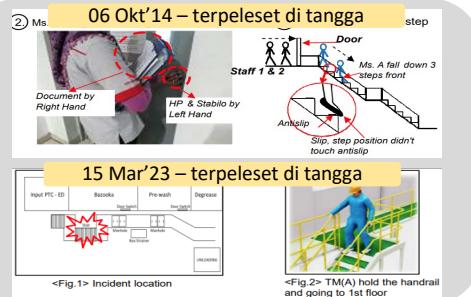
## Step 0 – 2. Rencana Aktivitas

No.	PIC	Oct-22				Nov-22				Dec-22				Jan-23				Feb-23				Mar-23				Apr-23				Remark
		W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	
Circle Leader Activity	Huda			Assesment																										
						PIC Arrange																								
						Skill Up Training																								
										Actualisation																				
																										Assesment				
Theme Activity	Step 0-1	David		Pemilihan Tema																										
	Step 0-2	Huda			Schedule																									
	Step 1	David				Klarifikasi																								
	Step 2	R. Adi		Identifikasi Problem Lama						AnaKonDa				Target				ASbAk												
	Step 3	R. Adi																					Rencana							
	Step 4	Zamani																					Penanggul							
	Step 5	Zamani																					Evaluasi							
	Step 6	Huda		Remark				Plan																						
	Step 7	David							Actual																					
	Step 8	R. Adi																								Standar				

Add Waktu PDPC

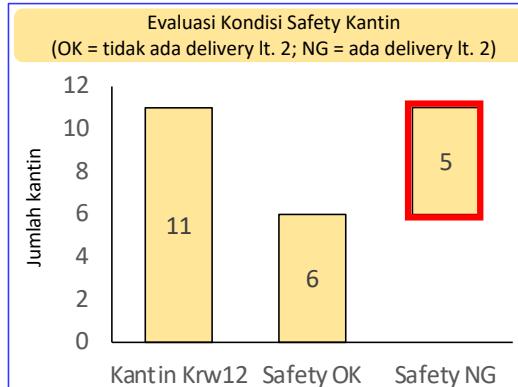
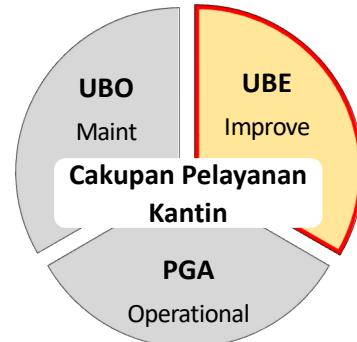
# Step 1. Klarifikasi Masalah

## I. Safety Company FY 22.23



Company KPI : Restructure basic safety  
Member Voices : Unsafe di kantin Krw12

## II. Evaluasi Kondisi Safety Kantin FY 22.23



Standard 0 kantin NG

Gap  
5 kantin NG

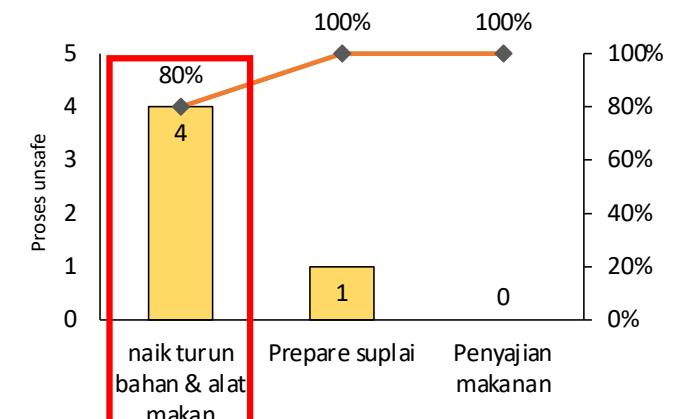
Actual 5 kantin NG

## III. Evaluasi Safety Proses di Kantin Lt. 2 Krw12



No	Scope	Step	Std	Kantin di Lantai 2				
				A1 Timur	W1 Selatan	W1 Utara	QA Atas	A1 Barat
1	Prepare suplai	Mobil parkir	Aman	O	O	O	O	X
2		Persiapan unloading	aman	O	O	O	O	O
3		Bawa box besar	aman	X	X	X	X	X
4	Naik ke kantin	Pegang handrail	Aman	O	O	O	O	O
5		Melangkah naik tangga	aman	X	X	X	X	X
6	Penyajian makanan	Taruh makanan	aman	O	O	O	O	O
7		Kumpulkan alat & sisa	aman	O	O	O	O	O
8	Turun dari kantin	Bawa box besar	aman	X	X	X	X	X
9		Pegang handrail	Aman	O	O	O	O	O
10		Melangkah naik tangga	aman	X	X	X	X	X
11	Finishing	5R area unloading	aman	O	O	O	O	O
12		Mobil keluar	aman	O	O	O	O	O
Komplain Problem				4	4	4	4	5
Kapasitas				340	290	400	150	410

## IV. Pareto Problem

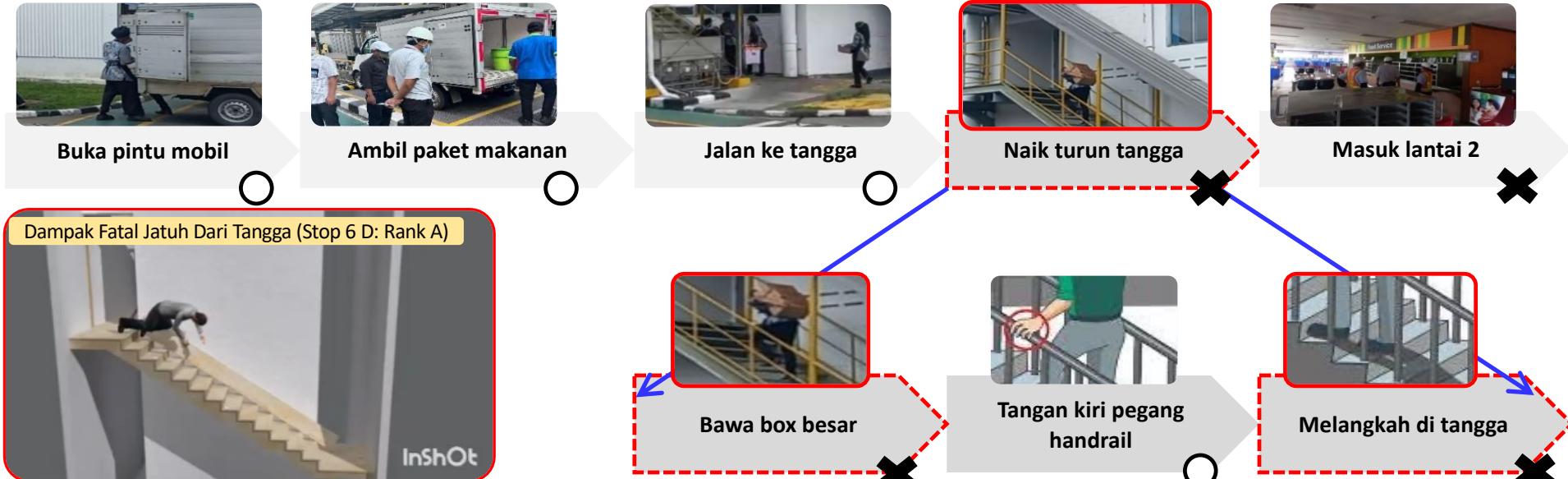


Berdasarkan breakdown, proses unsafe naik turun bahan & alat makan ke kantin lantai 2 di A1 barat

## Step 2. Analisa Kondisi Yang Ada

10

Flow proses naik turun bahan & alat makan ke kantin lantai 2 di A1 barat



### Analisa 4M + 1E

Man	Standard	MP catering sehat	MP catering sehat	MP catering sehat
	Actual	MP catering sehat	MP catering sehat	MP catering sehat
Machine	Standard	-	Handrail layak/baik	Area tangga layak/baik
	Actual	-	Handrail layak/baik	Area awal tangga curam
Material	Standard	Box tertutup rapat	-	-
	Actual	Box tertutup rapat	-	-
Methode	Standard	Box dipegang 1 tangan	Handrail dipegang terus	Langkah bergantian kanan kiri
	Actual	Box dipegang 2 tangan	Tidak bisa pegang handrail	Langkah bergantian kanan kiri
Environment	Standard	-	-	Permukaan tangga kasar
	Actual	-	-	Permukaan tangga licin

①

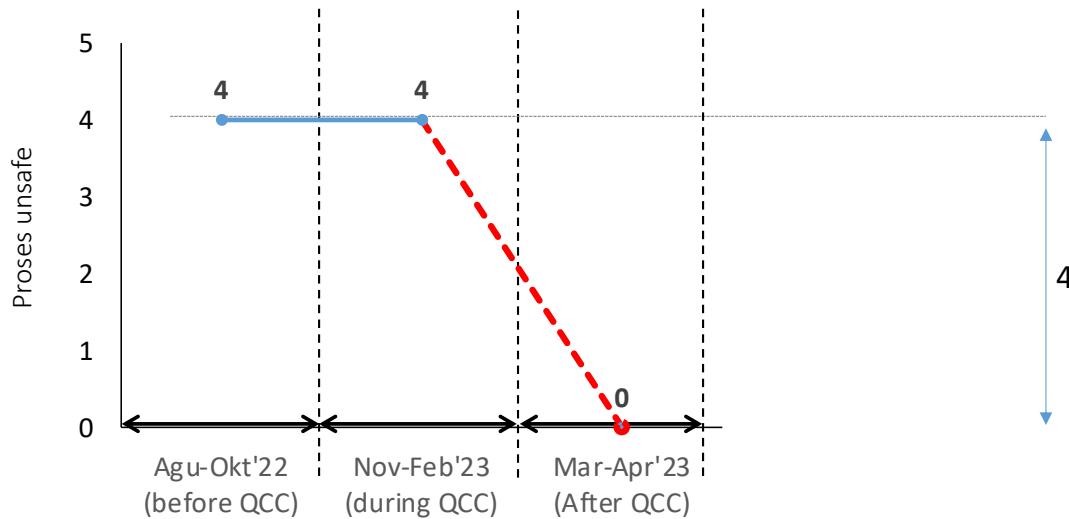
←

②

③

## Step 3. Penetapan Target

11



4 proses unsafe naik turun bahan & alat makan ke kantin lantai 2 di A1 Barat

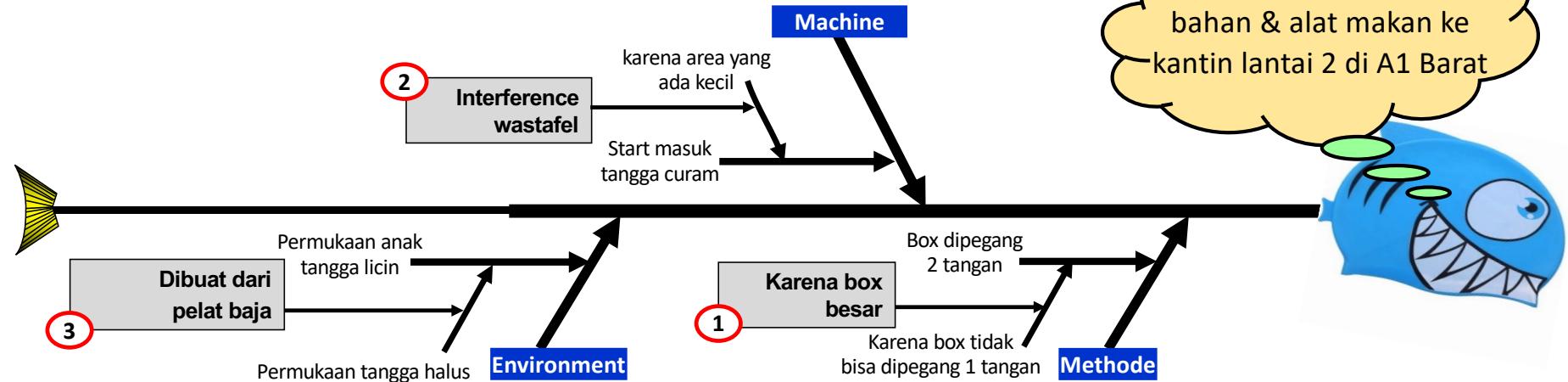
0 proses unsafe naik turun bahan & alat makan ke kantin lantai 2 di A1 Barat

Specifik	Measurable	Achievable	Reasonable	Timebase
Menghilangkan proses unsafe naik turun bahan & alat makan ke kantin lantai 2 di A1 barat	Turun dari 4 ke 0 item unsafe proses	Bisa dijalankan dengan skill & kapasitas tim UBE	Proses safety yang baik memastikan target company zero accident terfollow	Oct'22-Mar'23

## Step 4. Analisa Sebab Akibat

12

Fish Bone Diagram



No.	Proses	Problem	Root Cause	Verifikasi	Hasil	%
1		Box bahan & alat makan dipegang 2 tangan	Box besar	Volume delivery makanan besar dan perlu dikirim cepat (< 2 jam) agar kesegarannya terjaga sehingga dipecah dalam box 15-25 liter	Jika box lebih kecil proses pengiriman lebih lama	50%
2	Unsafe proses in & out makanan ke kantin A1 barat lt 2	Permukaan anak tangga licin	Dibuat dari pelat baja	Permukaan anak tangga dari pelat baja yang agak licin jika tidak dirawat khusus	Saat dicoba dilewat anak tangga cukup licin	25%
3		Start masuk tangga curam	Interference area wastafel	Ada wastafel didekat jalur masuk tangga	Orang lewat akan bersinggungan dengan orang cuci tangan jika area masuk tangga diperbesar	25%

# Step 5. Rencana Penanggulangan

13

Fokus rencana penanggulangan → Start Your Impossible...!!!!

## 5.1. Plan Decission Program Chart ( PDPC ) ke 1

Box bahan & alat makan besar				(konsep : memisahkan delivery makanan dengan orang/ MP)			
Alt	C/M	Safety	Quality	Cost	Delivery	Environment	JUDGE
1	Box diperkecil 	✗ (MP bisa tetap pegang railing, tapi frekuensi tinggi)	✗ (frekuensi tinggi, waktu lama, makanan tidak segar)	◎ (Rp.5 jt penggantian box makanan)	◎ (1 minggu)	-	✗
2	Buat alat angkut makanan lifter pabrikan import	◎ (tidak ada MP bawa barang naik tangga)	◎ (waktu pengiriman cepat, kesegaran makanan terjaga)	△ (Rp.400 jt)	✗ (3 bulan pabrikasi & 2 minggu install)	○ (termasuk improve jalur pelayanan kantin)	△
3	Buat alat angkut makanan lifter custom lokal	◎ (tidak ada MP bawa barang naik tangga)	◎ (waktu pengiriman cepat, kesegaran makanan terjaga)	○ (Rp.250 jt)	○ (1 bulan pabrikasi & 2 minggu install)	○ (termasuk improve jalur pelayanan kantin)	◎

# Step 5. Rencana Penanggulangan

14

Fokus rencana penanggulangan → Start Your Impossible...!!!!

## 5.2. Plan Decission Program Chart ( PDPC ) ke 2

Permukaan anak tangga dibuat dari pelat baja

(konsep : pastikan fasilitas kantin aman digunakan)

Alt	C/M	Safety	Quality	Cost	Delivery	Environment	JUDGE
1	Lapis anak tangga dengan material lebih kasar permanen PVC fynil	◎ (MP aman melewati tangga tidak terpeleset)	○ (Tangga menjadi lebih baik/ layak; tahan 3 tahunan)	△ (Rp.30 juta install PVC fynil)	○ (3 minggu)	○ (lebih aman)	<input type="radio"/>
2	Lapis anak tangga dengan material sticker antislip	◎ (MP aman melewati tangga tidak terpeleset)	○ (Tangga menjadi lebih baik/ layak; tahan 1 tahunan)	○ (Rp.5 juta install antislip sticker)	○ (1 minggu)	○ (lebih aman)	<input checked="" type="radio"/>

## 5.3. Plan ke 3

Start tangga interference area wastafel

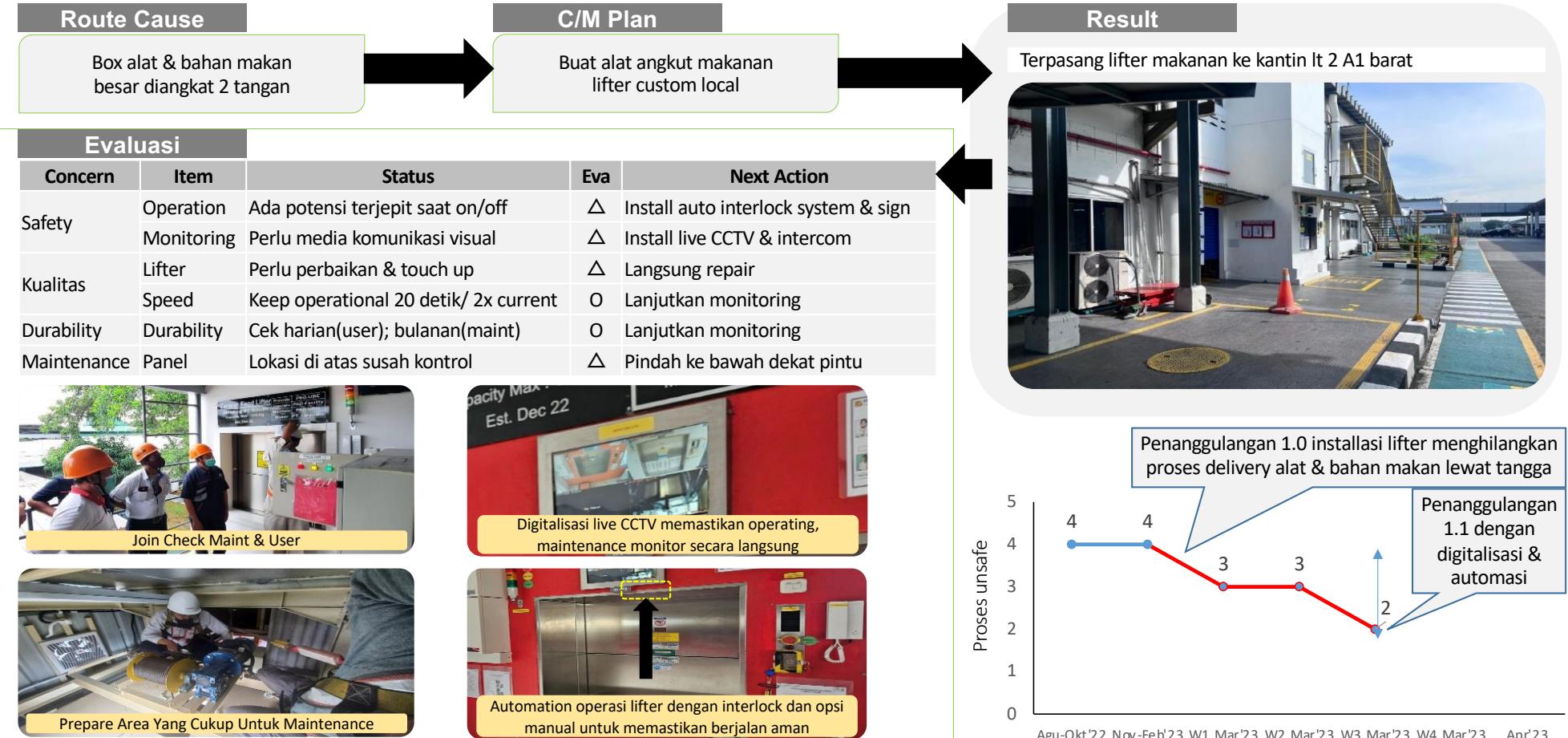
(konsep : amankan area fasilitas menuju kantin tanpa interference)

	C/M	Safety	Quality	Cost	Delivery	Environment	JUDGE
1	Geser wastafel dan buat slope lantai	◎ (MP aman saat masuk area tangga)	○ (Area masuk tangga lebih baik/ layak dilewati)	○ (Rp.10 jt geser wastafel & slope lantai)	○ (1 minggu)	○ (lebih aman)	<input checked="" type="radio"/>

# Step 6. Penanggulangan

15

## 6.1 Penanggulangan Ke - 1



Install lifter bahan & alat makan ditambah auto interlock; live CCTV monitoring menurunkan 2 proses unsafe

O

# Step 6. Penanggulangan

16

## 6.2 Penanggulangan Ke - 2

### Route Cause

Permukaan anak tangga dari steel plate polos

### C/M Plan

Lapis tangga dengan material sticker antislip

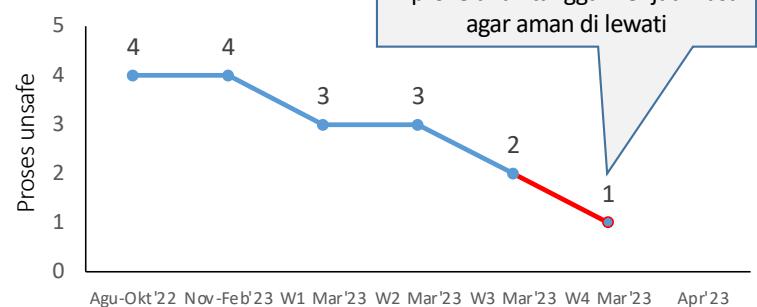
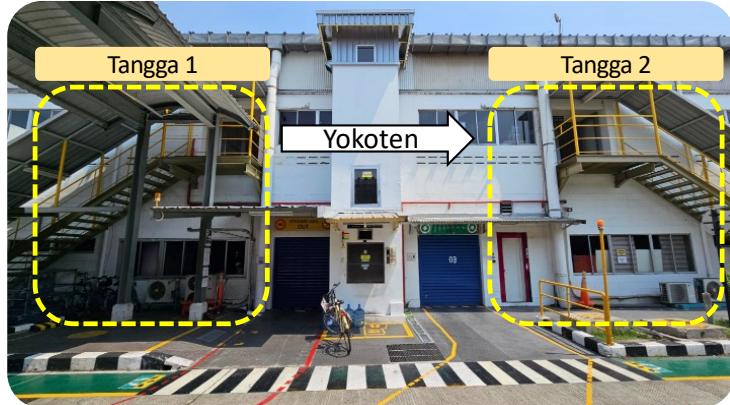
### Result

Terpasang antislip tangga menuju lantai 2 kantin



### Evaluasi

Concern	Item	Status	Eva	Next Action
Safety	Operation	Aman digunakan	O	Lanjutkan monitoring
Durability	Masa layan	Ketahanan 1 tahun karena posisi outdoor	O	Penggantian sticker antislip 1x/tahun
Maintenance	Perbaikan	1x install tidak perlu perawatan khusus	O	Lanjutkan monitoring



Perbaikan fasilitas tangga memastikan aman untuk dilewati MP saat ke lantai 2 menurunkan 1 proses unsafe

O

# Step 6. Penanggulangan

17

## 6.3 Penanggulangan Ke - 3

### Route Cause

Interference area wastafel

### C/M Plan

Geser wastafel dan buat slope

### Result

Wastafel geser dan improve slope akses masuk tangga

Sebelum

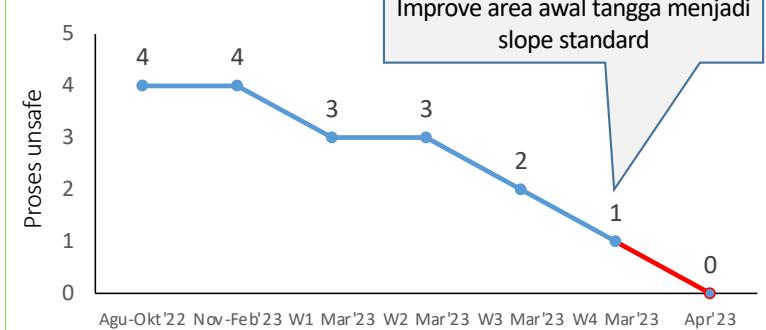


Sesudah



### Evaluasi

Concern	Item	Status	Eva	Next Action
Safety	Operation	Aman digunakan	O	Lanjutkan monitoring
Durability	Masa layan	Konstruksi tetap, tahan > 10 tahun	O	Lanjutkan monitoring
Maintenance	Repainting	Perawatan permukaan	O	Painting antislip per 2 tahun

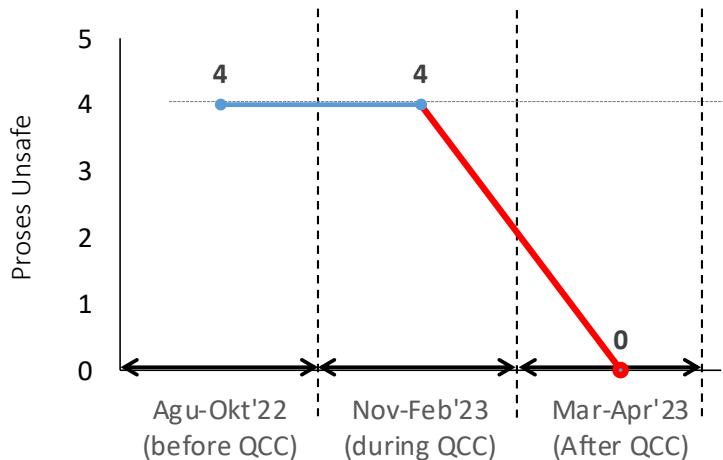


Perbaikan area menuju tangga aman untuk dilewati MP saat ke lantai 2 menurunkan 1 proses unsafe

O

## Step 7. Evaluasi

18



Safety : Menghilangkan proses unsafe naik turun bahan & alat makan di kantin lantai 2 A1 Barat

**Stop 6 : D Rank A**



Cost :

- Efisiensi biaya install ( $\downarrow$  150 Jt)
- Eliminate potensi makanan tumpah  $\rightarrow$  line stop
- Eliminate potensi fatal accident  $\rightarrow$  line stop



Productivity : Menjaga Produktivitas UBE team dengan standarisasi pekerjaan pengadaan lifter & aktif dalam pembuatan ide2



Quality : Level Up UBE member skill& knowledge terkait teknologi dan konsep automasi dan digitalisasi proses lifter



Environment : Menyiapkan fasilitas akses kerja yang aman untuk kenyamanan karyawan melalui follow up member voices

**4 proses unsafe** naik turun bahan & alat makan ke kantin lantai 2 di A1 Barat



**0 proses unsafe** naik turun bahan & alat makan ke kantin lantai 2 di A1 Barat

Penanggulangan berhasil Menurunkan 4 (100%) proses unsafe naik turun bahan & alat makan ke kantin lantai 2 di A1 barat

# Step 8. Standarisasi – Spek Lifter Makanan

19

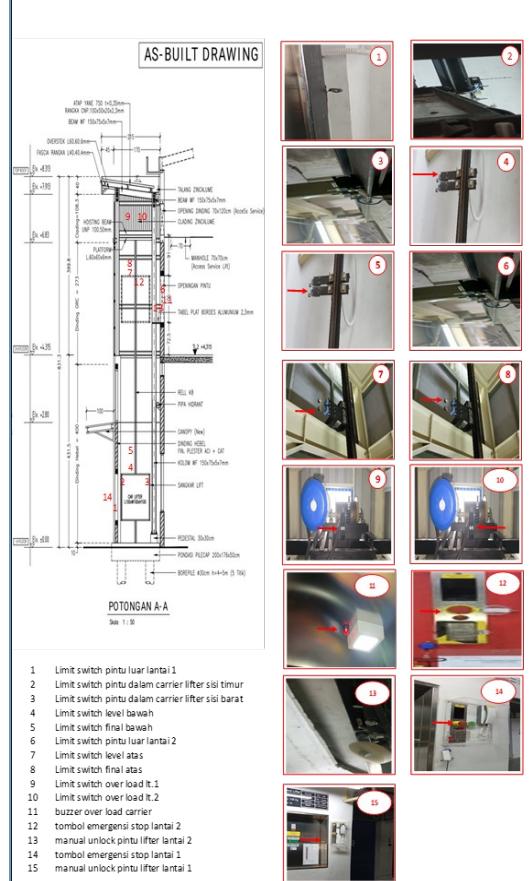
## IV. 1. Specification Lifter

No.	Item	Requirement		Drum Brake (No Counter Weight)	Type Hoist (No Counter Weight)	Traction (with Counter Weight)
		Sub item	Specification			
1	Machine	Image				
		Loading	Food & container	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Brand	Japan/ Setara	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Motor capacity	> 1,000 kg ( $Load + weight \times 120\%$ )	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Cabin capacity	> 100 kg (+ 20% SF)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Speed	min 8 m / minutes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Travel height	4'-5' m	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Traction	Smooth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Wire	Galvanized Sling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Performance	High frequency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Pupulation	Many; easy to find out	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Spare part	Many; easy to find out	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Maintenance	Less	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Delivery	Fastest	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Durability	Long warranty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	Cabin	Image				
		Type	Table	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	Accessories & Safety Devices	Size	100 x 100 x 100 cm <sup>3</sup>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Material	SUS 304 Hairline t 1,2 mm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		<b>Safety Improvement dengan Automasi &amp; digitalisasi</b>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Gov Standard	No. Per.03/Men/1999	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Switch & cabin position	Lux with indirect lamp	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Door interlock	Available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Overload limiter	Available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Emergency stop	Available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Buzzer & lighting	Available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Safety break	Available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Intercom	1st to 2nd floor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Lighting	1st floor, inside tower, maint room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Control panel & supply	Std TMMIN kanban	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		CCTV & monitor	[3 camera; 1 monitor; local]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Evaluation		<b>1st Priority</b>	<b>2nd Priority</b>	<b>3rd Priority</b>
Design propose						

→ Manual yg gampang di alih  
→ Dintu nisex

* Silakan Baca dan Ambil poin yang ada	
1. Spec 2. Draw 3. Spec & checklist	
2. Power tool → on	
3. Panel control → on	
4. font test → △	
5. main switch → on	
6. limit switch → off	
7. limit switch → down	

Safety : IBO Owner : PT. TTMIN - UPT  

## **Step 8. Standarisasi – SOP Operasional & Maint**

20

Section/Point		STANDARD OPERATIONAL PROCEDURE (SOP) - UJER AUTO										Date		
Line	Point	Pre-Work					Work			Post-Work			Initial Date	Last Date
1	1.1	1.1.1	1.1.1.1	1.1.1.2	1.1.1.3	1.1.1.4	1.1.1.5	1.1.1.6	1.1.1.7	1.1.1.8	1.1.1.9	1.1.1.10	1.1.1.11	1.1.1.12
2	1.2	1.2.1	1.2.1.1	1.2.1.2	1.2.1.3	1.2.1.4	1.2.1.5	1.2.1.6	1.2.1.7	1.2.1.8	1.2.1.9	1.2.1.10	1.2.1.11	1.2.1.12
3	1.3	1.3.1	1.3.1.1	1.3.1.2	1.3.1.3	1.3.1.4	1.3.1.5	1.3.1.6	1.3.1.7	1.3.1.8	1.3.1.9	1.3.1.10	1.3.1.11	1.3.1.12
4	1.4	1.4.1	1.4.1.1	1.4.1.2	1.4.1.3	1.4.1.4	1.4.1.5	1.4.1.6	1.4.1.7	1.4.1.8	1.4.1.9	1.4.1.10	1.4.1.11	1.4.1.12
5	1.5	1.5.1	1.5.1.1	1.5.1.2	1.5.1.3	1.5.1.4	1.5.1.5	1.5.1.6	1.5.1.7	1.5.1.8	1.5.1.9	1.5.1.10	1.5.1.11	1.5.1.12
6	1.6	1.6.1	1.6.1.1	1.6.1.2	1.6.1.3	1.6.1.4	1.6.1.5	1.6.1.6	1.6.1.7	1.6.1.8	1.6.1.9	1.6.1.10	1.6.1.11	1.6.1.12
7	1.7	1.7.1	1.7.1.1	1.7.1.2	1.7.1.3	1.7.1.4	1.7.1.5	1.7.1.6	1.7.1.7	1.7.1.8	1.7.1.9	1.7.1.10	1.7.1.11	1.7.1.12
8	1.8	1.8.1	1.8.1.1	1.8.1.2	1.8.1.3	1.8.1.4	1.8.1.5	1.8.1.6	1.8.1.7	1.8.1.8	1.8.1.9	1.8.1.10	1.8.1.11	1.8.1.12
9	1.9	1.9.1	1.9.1.1	1.9.1.2	1.9.1.3	1.9.1.4	1.9.1.5	1.9.1.6	1.9.1.7	1.9.1.8	1.9.1.9	1.9.1.10	1.9.1.11	1.9.1.12
10	1.10	1.10.1	1.10.1.1	1.10.1.2	1.10.1.3	1.10.1.4	1.10.1.5	1.10.1.6	1.10.1.7	1.10.1.8	1.10.1.9	1.10.1.10	1.10.1.11	1.10.1.12
11	1.11	1.11.1	1.11.1.1	1.11.1.2	1.11.1.3	1.11.1.4	1.11.1.5	1.11.1.6	1.11.1.7	1.11.1.8	1.11.1.9	1.11.1.10	1.11.1.11	1.11.1.12
12	1.12	1.12.1	1.12.1.1	1.12.1.2	1.12.1.3	1.12.1.4	1.12.1.5	1.12.1.6	1.12.1.7	1.12.1.8	1.12.1.9	1.12.1.10	1.12.1.11	1.12.1.12
13	1.13	1.13.1	1.13.1.1	1.13.1.2	1.13.1.3	1.13.1.4	1.13.1.5	1.13.1.6	1.13.1.7	1.13.1.8	1.13.1.9	1.13.1.10	1.13.1.11	1.13.1.12
14	1.14	1.14.1	1.14.1.1	1.14.1.2	1.14.1.3	1.14.1.4	1.14.1.5	1.14.1.6	1.14.1.7	1.14.1.8	1.14.1.9	1.14.1.10	1.14.1.11	1.14.1.12
15	1.15	1.15.1	1.15.1.1	1.15.1.2	1.15.1.3	1.15.1.4	1.15.1.5	1.15.1.6	1.15.1.7	1.15.1.8	1.15.1.9	1.15.1.10	1.15.1.11	1.15.1.12
16	1.16	1.16.1	1.16.1.1	1.16.1.2	1.16.1.3	1.16.1.4	1.16.1.5	1.16.1.6	1.16.1.7	1.16.1.8	1.16.1.9	1.16.1.10	1.16.1.11	1.16.1.12
17	1.17	1.17.1	1.17.1.1	1.17.1.2	1.17.1.3	1.17.1.4	1.17.1.5	1.17.1.6	1.17.1.7	1.17.1.8	1.17.1.9	1.17.1.10	1.17.1.11	1.17.1.12
18	1.18	1.18.1	1.18.1.1	1.18.1.2	1.18.1.3	1.18.1.4	1.18.1.5	1.18.1.6	1.18.1.7	1.18.1.8	1.18.1.9	1.18.1.10	1.18.1.11	1.18.1.12
19	1.19	1.19.1	1.19.1.1	1.19.1.2	1.19.1.3	1.19.1.4	1.19.1.5	1.19.1.6	1.19.1.7	1.19.1.8	1.19.1.9	1.19.1.10	1.19.1.11	1.19.1.12
20	1.20	1.20.1	1.20.1.1	1.20.1.2	1.20.1.3	1.20.1.4	1.20.1.5	1.20.1.6	1.20.1.7	1.20.1.8	1.20.1.9	1.20.1.10	1.20.1.11	1.20.1.12
21	1.21	1.21.1	1.21.1.1	1.21.1.2	1.21.1.3	1.21.1.4	1.21.1.5	1.21.1.6	1.21.1.7	1.21.1.8	1.21.1.9	1.21.1.10	1.21.1.11	1.21.1.12
22	1.22	1.22.1	1.22.1.1	1.22.1.2	1.22.1.3	1.22.1.4	1.22.1.5	1.22.1.6	1.22.1.7	1.22.1.8	1.22.1.9	1.22.1.10	1.22.1.11	1.22.1.12
23	1.23	1.23.1	1.23.1.1	1.23.1.2	1.23.1.3	1.23.1.4	1.23.1.5	1.23.1.6	1.23.1.7	1.23.1.8	1.23.1.9	1.23.1.10	1.23.1.11	1.23.1.12
24	1.24	1.24.1	1.24.1.1	1.24.1.2	1.24.1.3	1.24.1.4	1.24.1.5	1.24.1.6	1.24.1.7	1.24.1.8	1.24.1.9	1.24.1.10	1.24.1.11	1.24.1.12
25	1.25	1.25.1	1.25.1.1	1.25.1.2	1.25.1.3	1.25.1.4	1.25.1.5	1.25.1.6	1.25.1.7	1.25.1.8	1.25.1.9	1.25.1.10	1.25.1.11	1.25.1.12
26	1.26	1.26.1	1.26.1.1	1.26.1.2	1.26.1.3	1.26.1.4	1.26.1.5	1.26.1.6	1.26.1.7	1.26.1.8	1.26.1.9	1.26.1.10	1.26.1.11	1.26.1.12
27	1.27	1.27.1	1.27.1.1	1.27.1.2	1.27.1.3	1.27.1.4	1.27.1.5	1.27.1.6	1.27.1.7	1.27.1.8	1.27.1.9	1.27.1.10	1.27.1.11	1.27.1.12
28	1.28	1.28.1	1.28.1.1	1.28.1.2	1.28.1.3	1.28.1.4	1.28.1.5	1.28.1.6	1.28.1.7	1.28.1.8	1.28.1.9	1.28.1.10	1.28.1.11	1.28.1.12
29	1.29	1.29.1	1.29.1.1	1.29.1.2	1.29.1.3	1.29.1.4	1.29.1.5	1.29.1.6	1.29.1.7	1.29.1.8	1.29.1.9	1.29.1.10	1.29.1.11	1.29.1.12
30	1.30	1.30.1	1.30.1.1	1.30.1.2	1.30.1.3	1.30.1.4	1.30.1.5	1.30.1.6	1.30.1.7	1.30.1.8	1.30.1.9	1.30.1.10	1.30.1.11	1.30.1.12
31	1.31	1.31.1	1.31.1.1	1.31.1.2	1.31.1.3	1.31.1.4	1.31.1.5	1.31.1.6	1.31.1.7	1.31.1.8	1.31.1.9	1.31.1.10	1.31.1.11	1.31.1.12
32	1.32	1.32.1	1.32.1.1	1.32.1.2	1.32.1.3	1.32.1.4	1.32.1.5	1.32.1.6	1.32.1.7	1.32.1.8	1.32.1.9	1.32.1.10	1.32.1.11	1.32.1.12
33	1.33	1.33.1	1.33.1.1	1.33.1.2	1.33.1.3	1.33.1.4	1.33.1.5	1.33.1.6	1.33.1.7	1.33.1.8	1.33.1.9	1.33.1.10	1.33.1.11	1.33.1.12
34	1.34	1.34.1	1.34.1.1	1.34.1.2	1.34.1.3	1.34.1.4	1.34.1.5	1.34.1.6	1.34.1.7	1.34.1.8	1.34.1.9	1.34.1.10	1.34.1.11	1.34.1.12
35	1.35	1.35.1	1.35.1.1	1.35.1.2	1.35.1.3	1.35.1.4	1.35.1.5	1.35.1.6	1.35.1.7	1.35.1.8	1.35.1.9	1.35.1.10	1.35.1.11	1.35.1.12
36	1.36	1.36.1	1.36.1.1	1.36.1.2	1.36.1.3	1.36.1.4	1.36.1.5	1.36.1.6	1.36.1.7	1.36.1.8	1.36.1.9	1.36.1.10	1.36.1.11	1.36.1.12
37	1.37	1.37.1	1.37.1.1	1.37.1.2	1.37.1.3	1.37.1.4	1.37.1.5	1.37.1.6	1.37.1.7	1.37.1.8	1.37.1.9	1.37.1.10	1.37.1.11	1.37.1.12
38	1.38	1.38.1	1.38.1.1	1.38.1.2	1.38.1.3	1.38.1.4	1.38.1.5	1.38.1.6	1.38.1.7	1.38.1.8	1.38.1.9	1.38.1.10	1.38.1.11	1.38.1.12
39	1.39	1.39.1	1.39.1.1	1.39.1.2	1.39.1.3	1.39.1.4	1.39.1.5	1.39.1.6	1.39.1.7	1.39.1.8	1.39.1.9	1.39.1.10	1.39.1.11	1.39.1.12
40	1.40	1.40.1	1.40.1.1	1.40.1.2	1.40.1.3	1.40.1.4	1.40.1.5	1.40.1.6	1.40.1.7	1.40.1.8	1.40.1.9	1.40.1.10	1.40.1.11	1.40.1.12
41	1.41	1.41.1	1.41.1.1	1.41.1.2	1.41.1.3	1.41.1.4	1.41.1.5	1.41.1.6	1.41.1.7	1.41.1.8	1.41.1.9	1.41.1.10	1.41.1.11	1.41.1.12
42	1.42	1.42.1	1.42.1.1	1.42.1.2	1.42.1.3	1.42.1.4	1.42.1.5	1.42.1.6	1.42.1.7	1.42.1.8	1.42.1.9	1.42.1.10	1.42.1.11	1.42.1.12
43	1.43	1.43.1	1.43.1.1	1.43.1.2	1.43.1.3	1.43.1.4	1.43.1.5	1.43.1.6	1.43.1.7	1.43.1.8	1.43.1.9	1.43.1.10	1.43.1.11	1.43.1.12
44	1.44	1.44.1	1.44.1.1	1.44.1.2	1.44.1.3	1.44.1.4	1.44.1.5	1.44.1.6	1.44.1.7	1.44.1.8	1.44.1.9	1.44.1.10	1.44.1.11	1.44.1.12
45	1.45	1.45.1	1.45.1.1	1.45.1.2	1.45.1.3	1.45.1.4	1.45.1.5	1.45.1.6	1.45.1.7	1.45.1.8	1.45.1.9	1.45.1.10	1.45.1.11	1.45.1.12
46	1.46	1.46.1	1.46.1.1	1.46.1.2	1.46.1.3	1.46.1.4	1.46.1.5	1.46.1.6	1.46.1.7	1.46.1.8	1.46.1.9	1.46.1.10	1.46.1.11	1.46.1.12
47	1.47	1.47.1	1.47.1.1	1.47.1.2	1.47.1.3	1.47.1.4	1.47.1.5	1.47.1.6	1.47.1.7	1.47.1.8	1.47.1.9	1.47.1.10	1.47.1.11	1.47.1.12
48	1.48	1.48.1	1.48.1.1	1.48.1.2	1.48.1.3	1.48.1.4	1.48.1.5	1.48.1.6	1.48.1.7	1.48.1.8	1.48.1.9	1.48.1.10	1.48.1.11	1.48.1.12
49	1.49	1.49.1	1.49.1.1	1.49.1.2	1.49.1.3	1.49.1.4	1.49.1.5	1.49.1.6	1.49.1.7	1.49.1.8	1.49.1.9	1.49.1.10	1.49.1.11	1.49.1.12
50	1.50	1.50.1	1.50.1.1	1.50.1.2	1.50.1.3	1.50.1.4	1.50.1.5	1.50.1.6	1.50.1.7	1.50.1.8	1.50.1.9	1.50.1.10	1.50.1.11	1.50.1.12
51	1.51	1.51.1	1.51.1.1	1.51.1.2	1.51.1.3	1.51.1.4	1.51.1.5	1.51.1.6	1.51.1.7	1.51.1.8	1.51.1.9	1.51.1.10	1.51.1.11	1.51.1.12
52	1.52	1.52.1	1.52.1.1	1.52.1.2	1.52.1.3	1.52.1.4	1.52.1.5	1.52.1.6	1.52.1.7	1.52.1.8	1.52.1.9	1.52.1.10	1.52.1.11	1.52.1.12
53	1.53	1.53.1	1.53.1.1	1.53.1.2	1.53.1.3	1.53.1.4	1.53.1.5	1.53.1.6	1.53.1.7	1.53.1.8	1.53.1.9	1.53.1.10	1.53.1.11	1.53.1.12
54	1.54	1.54.1	1.54.1.1	1.54.1.2	1.54.1.3	1.54.1.4	1.54.1.5	1.54.1.6	1.54.1.7	1.54.1.8	1.54.1.9	1.54.1.10	1.54.1.11	1.54.1.12
55	1.55	1.55.1	1.55.1.1	1.55.1.2	1.55.1.3	1.55.1.4	1.55.1.5	1.55.1.6	1.55.1.7	1.55.1.8	1.55.1.9	1.55.1.10	1.55.1.11	1.55.1.12
56	1.56	1.56.1	1.56.1.1	1.56.1.2	1.56.1.3	1.56.1.4	1.56.1.5	1.56.1.6	1.56.1.7	1.56.1.8	1.56.1.9	1.56.1.10	1.56.1.11	1.56.1.12
57	1.57	1.57.1	1.57.1.1	1.57.1.2	1.57.1.3	1.57.1.4	1.57.1.5	1.57.1.6	1.57.1.7	1.57.1.8	1.57.1.9	1.57.1.10	1.57.1.11	1.57.1.12
58	1.58	1.58.1	1.58.1.1	1.58.1.2	1.58.1.3	1.58.1.4	1.58.1.5	1.58.1.6	1.58.1.7	1.58.1.8	1.58.1.9	1.58.1.10	1.58.1.11	1.58.1.12
59	1.59	1.59.1	1.59.1.1	1.59.1.2	1.59.1.3	1.59.1.4	1.59.1.5	1.59.1.6	1.59.1.7	1.59.1.8	1.59.1.9	1.59.1.10	1.59.1.11	1.59.1.12
60	1.60	1.60.1	1.60.1.1	1.60.1.2	1.60.1.3	1.60.1.4	1.60.1.5	1.60.1.6	1.60.1.7	1.60.1.8	1.60.1.9	1.60.1.10	1.60.1.11	1.60.1.12
61	1.61	1.61.1	1.61.1.1	1.61.1.2	1.61.1.3	1.61.1.4	1.61.1.5	1.61.1.6	1.61.1.7	1.61.1.8	1.61.1.9	1.61.1.10	1.61.1.11	1.61.1.12
62	1.63	1.63.1	1.63.1.1	1.63.1.2	1.63.1.3	1.63.1.4	1.63.1.5	1.63.1.6	1.63.1.7	1.63.1.8	1.63.1.9	1.63.1.10	1.63.1.11	1.63.1.12
63	1.64	1.64.1	1.64.1.1	1.64.1.2	1.64.1.3	1.64.1.4	1.64.1.5	1.						

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Section	Page	Title		Content		Content		Content		Content		Page	
1	1	1.1	1.1.1	1.1.1.1	1.1.1.2	1.1.1.3	1.1.1.4	1.1.1.5	1.1.1.6	1.1.1.7	1.1.1.8	1.1.1.9	
1	1	1.2	1.2.1	1.2.1.1	1.2.1.2	1.2.1.3	1.2.1.4	1.2.1.5	1.2.1.6	1.2.1.7	1.2.1.8	1.2.1.9	
1	1	1.3	1.3.1	1.3.1.1	1.3.1.2	1.3.1.3	1.3.1.4	1.3.1.5	1.3.1.6	1.3.1.7	1.3.1.8	1.3.1.9	
1	1	1.4	1.4.1	1.4.1.1	1.4.1.2	1.4.1.3	1.4.1.4	1.4.1.5	1.4.1.6	1.4.1.7	1.4.1.8	1.4.1.9	
1	1	1.5	1.5.1	1.5.1.1	1.5.1.2	1.5.1.3	1.5.1.4	1.5.1.5	1.5.1.6	1.5.1.7	1.5.1.8	1.5.1.9	
1	1	1.6	1.6.1	1.6.1.1	1.6.1.2	1.6.1.3	1.6.1.4	1.6.1.5	1.6.1.6	1.6.1.7	1.6.1.8	1.6.1.9	
1	1	1.7	1.7.1	1.7.1.1	1.7.1.2	1.7.1.3	1.7.1.4	1.7.1.5	1.7.1.6	1.7.1.7	1.7.1.8	1.7.1.9	
1	1	1.8	1.8.1	1.8.1.1	1.8.1.2	1.8.1.3	1.8.1.4	1.8.1.5	1.8.1.6	1.8.1.7	1.8.1.8	1.8.1.9	
1	1	1.9	1.9.1	1.9.1.1	1.9.1.2	1.9.1.3	1.9.1.4	1.9.1.5	1.9.1.6	1.9.1.7	1.9.1.8	1.9.1.9	
1	1	1.10	1.10.1	1.10.1.1	1.10.1.2	1.10.1.3	1.10.1.4	1.10.1.5	1.10.1.6	1.10.1.7	1.10.1.8	1.10.1.9	
1	1	1.11	1.11.1	1.11.1.1	1.11.1.2	1.11.1.3	1.11.1.4	1.11.1.5	1.11.1.6	1.11.1.7	1.11.1.8	1.11.1.9	
1	1	1.12	1.12.1	1.12.1.1	1.12.1.2	1.12.1.3	1.12.1.4	1.12.1.5	1.12.1.6	1.12.1.7	1.12.1.8	1.12.1.9	
1	1	1.13	1.13.1	1.13.1.1	1.13.1.2	1.13.1.3	1.13.1.4	1.13.1.5	1.13.1.6	1.13.1.7	1.13.1.8	1.13.1.9	
1	1	1.14	1.14.1	1.14.1.1	1.14.1.2	1.14.1.3	1.14.1.4	1.14.1.5	1.14.1.6	1.14.1.7	1.14.1.8	1.14.1.9	
1	1	1.15	1.15.1	1.15.1.1	1.15.1.2	1.15.1.3	1.15.1.4	1.15.1.5	1.15.1.6	1.15.1.7	1.15.1.8	1.15.1.9	
1	1	1.16	1.16.1	1.16.1.1	1.16.1.2	1.16.1.3	1.16.1.4	1.16.1.5	1.16.1.6	1.16.1.7	1.16.1.8	1.16.1.9	
1	1	1.17	1.17.1	1.17.1.1	1.17.1.2	1.17.1.3	1.17.1.4	1.17.1.5	1.17.1.6	1.17.1.7	1.17.1.8	1.17.1.9	
1	1	1.18	1.18.1	1.18.1.1	1.18.1.2	1.18.1.3	1.18.1.4	1.18.1.5	1.18.1.6	1.18.1.7	1.18.1.8	1.18.1.9	
1	1	1.19	1.19.1	1.19.1.1	1.19.1.2	1.19.1.3	1.19.1.4	1.19.1.5	1.19.1.6	1.19.1.7	1.19.1.8	1.19.1.9	
1	1	1.20	1.20.1	1.20.1.1	1.20.1.2	1.20.1.3	1.20.1.4	1.20.1.5	1.20.1.6	1.20.1.7	1.20.1.8	1.20.1.9	
1	1	1.21	1.21.1	1.21.1.1	1.21.1.2	1.21.1.3	1.21.1.4	1.21.1.5	1.21.1.6	1.21.1.7	1.21.1.8	1.21.1.9	
1	1	1.22	1.22.1	1.22.1.1	1.22.1.2	1.22.1.3	1.22.1.4	1.22.1.5	1.22.1.6	1.22.1.7	1.22.1.8	1.22.1.9	
1	1	1.23	1.23.1	1.23.1.1	1.23.1.2	1.23.1.3	1.23.1.4	1.23.1.5	1.23.1.6	1.23.1.7	1.23.1.8	1.23.1.9	
1	1	1.24	1.24.1	1.24.1.1	1.24.1.2	1.24.1.3	1.24.1.4	1.24.1.5	1.24.1.6	1.24.1.7	1.24.1.8	1.24.1.9	
1	1	1.25	1.25.1	1.25.1.1	1.25.1.2	1.25.1.3	1.25.1.4	1.25.1.5	1.25.1.6	1.25.1.7	1.25.1.8	1.25.1.9	
1	1	1.26	1.26.1	1.26.1.1	1.26.1.2	1.26.1.3	1.26.1.4	1.26.1.5	1.26.1.6	1.26.1.7	1.26.1.8	1.26.1.9	
1	1	1.27	1.27.1	1.27.1.1	1.27.1.2	1.27.1.3	1.27.1.4	1.27.1.5	1.27.1.6	1.27.1.7	1.27.1.8	1.27.1.9	
1	1	1.28	1.28.1	1.28.1.1	1.28.1.2	1.28.1.3	1.28.1.4	1.28.1.5	1.28.1.6	1.28.1.7	1.28.1.8	1.28.1.9	
1	1	1.29	1.29.1	1.29.1.1	1.29.1.2	1.29.1.3	1.29.1.4	1.29.1.5	1.29.1.6	1.29.1.7	1.29.1.8	1.29.1.9	
1	1	1.30	1.30.1	1.30.1.1	1.30.1.2	1.30.1.3	1.30.1.4	1.30.1.5	1.30.1.6	1.30.1.7	1.30.1.8	1.30.1.9	
1	1	1.31	1.31.1	1.31.1.1	1.31.1.2	1.31.1.3	1.31.1.4	1.31.1.5	1.31.1.6	1.31.1.7	1.31.1.8	1.31.1.9	
1	1	1.32	1.32.1	1.32.1.1	1.32.1.2	1.32.1.3	1.32.1.4	1.32.1.5	1.32.1.6	1.32.1.7	1.32.1.8	1.32.1.9	
1	1	1.33	1.33.1	1.33.1.1	1.33.1.2	1.33.1.3	1.33.1.4	1.33.1.5	1.33.1.6	1.33.1.7	1.33.1.8	1.33.1.9	
1	1	1.34	1.34.1	1.34.1.1	1.34.1.2	1.34.1.3	1.34.1.4	1.34.1.5	1.34.1.6	1.34.1.7	1.34.1.8	1.34.1.9	
1	1	1.35	1.35.1	1.35.1.1	1.35.1.2	1.35.1.3	1.35.1.4	1.35.1.5	1.35.1.6	1.35.1.7	1.35.1.8	1.35.1.9	
1	1	1.36	1.36.1	1.36.1.1	1.36.1.2	1.36.1.3	1.36.1.4	1.36.1.5	1.36.1.6	1.36.1.7	1.36.1.8	1.36.1.9	
1	1	1.37	1.37.1	1.37.1.1	1.37.1.2	1.37.1.3	1.37.1.4	1.37.1.5	1.37.1.6	1.37.1.7	1.37.1.8	1.37.1.9	
1	1	1.38	1.38.1	1.38.1.1	1.38.1.2	1.38.1.3	1.38.1.4	1.38.1.5	1.38.1.6	1.38.1.7	1.38.1.8	1.38.1.9	
1	1	1.39	1.39.1	1.39.1.1	1.39.1.2	1.39.1.3	1.39.1.4	1.39.1.5	1.39.1.6	1.39.1.7	1.39.1.8	1.39.1.9	
1	1	1.40	1.40.1	1.40.1.1	1.40.1.2	1.40.1.3	1.40.1.4	1.40.1.5	1.40.1.6	1.40.1.7	1.40.1.8	1.40.1.9	
1	1	1.41	1.41.1	1.41.1.1	1.41.1.2	1.41.1.3	1.41.1.4	1.41.1.5	1.41.1.6	1.41.1.7	1.41.1.8	1.41.1.9	
1	1	1.42	1.42.1	1.42.1.1	1.42.1.2	1.42.1.3	1.42.1.4	1.42.1.5	1.42.1.6	1.42.1.7	1.42.1.8	1.42.1.9	
1	1	1.43	1.43.1	1.43.1.1	1.43.1.2	1.43.1.3	1.43.1.4	1.43.1.5	1.43.1.6	1.43.1.7	1.43.1.8	1.43.1.9	
1	1	1.44	1.44.1	1.44.1.1	1.44.1.2	1.44.1.3	1.44.1.4	1.44.1.5	1.44.1.6	1.44.1.7	1.44.1.8	1.44.1.9	
1	1	1.45	1.45.1	1.45.1.1	1.45.1.2	1.45.1.3	1.45.1.4	1.45.1.5	1.45.1.6	1.45.1.7	1.45.1.8	1.45.1.9	
1	1	1.46	1.46.1	1.46.1.1	1.46.1.2	1.46.1.3	1.46.1.4	1.46.1.5	1.46.1.6	1.46.1.7	1.46.1.8	1.46.1.9	
1	1	1.47	1.47.1	1.47.1.1	1.47.1.2	1.47.1.3	1.47.1.4	1.47.1.5	1.47.1.6	1.47.1.7	1.47.1.8	1.47.1.9	
1	1	1.48	1.48.1	1.48.1.1	1.48.1.2	1.48.1.3	1.48.1.4	1.48.1.5	1.48.1.6	1.48.1.7	1.48.1.8	1.48.1.9	
1	1	1.49	1.49.1	1.49.1.1	1.49.1.2	1.49.1.3	1.49.1.4	1.49.1.5	1.49.1.6	1.49.1.7	1.49.1.8	1.49.1.9	
1	1	1.50	1.50.1	1.50.1.1	1.50.1.2	1.50.1.3	1.50.1.4	1.50.1.5	1.50.1.6	1.50.1.7	1.50.1.8	1.50.1.9	
1	1	1.51	1.51.1	1.51.1.1	1.51.1.2	1.51.1.3	1.51.1.4	1.51.1.5	1.51.1.6	1.51.1.7	1.51.1.8	1.51.1.9	
1	1	1.52	1.52.1	1.52.1.1	1.52.1.2	1.52.1.3	1.52.1.4	1.52.1.5	1.52.1.6	1.52.1.7	1.52.1.8	1.52.1.9	
1	1	1.53	1.53.1	1.53.1.1	1.53.1.2	1.53.1.3	1.53.1.4	1.53.1.5	1.53.1.6	1.53.1.7	1.53.1.8	1.53.1.9	
1	1	1.54	1.54.1	1.54.1.1	1.54.1.2	1.54.1.3	1.54.1.4	1.54.1.5	1.54.1.6	1.54.1.7	1.54.1.8	1.54.1.9	
1	1	1.55	1.55.1	1.55.1.1	1.55.1.2	1.55.1.3	1.55.1.4	1.55.1.5	1.55.1.6	1.55.1.7	1.55.1.8	1.55.1.9	
1	1	1.56	1.56.1	1.56.1.1	1.56.1.2	1.56.1.3	1.56.1.4	1.56.1.5	1.56.1.6	1.56.1.7	1.56.1.8	1.56.1.9	
1	1	1.57	1.57.1	1.57.1.1	1.57.1.2	1.57.1.3	1.57.1.4	1.57.1.5	1.57.1.6	1.57.1.7	1.57.1.8	1.57.1.9	
1	1	1.58	1.58.1	1.58.1.1	1.58.1.2	1.58.1.3	1.58.1.4	1.58.1.5	1.58.1.6	1.58.1.7	1.58.1.8	1.58.1.9	
1	1	1.59	1.59.1	1.59.1.1	1.59.1.2	1.59.1.3	1.59.1.4	1.59.1.5	1.59.1.6	1.59.1.7	1.59.1.8	1.59.1.9	
1	1	1.60	1.60.1	1.60.1.1	1.60.1.2	1.60.1.3	1.60.1.4	1.60.1.5	1.60.1.6	1.60.1.7	1.60.1.8	1.60.1.9	
1	1	1.61	1.61.1	1.61.1.1	1.61.1.2	1.61.1.3	1.61.1.4	1.61.1.5	1.61.1.6	1.61.1.7	1.61.1.8	1.61.1.9	
1	1	1.62	1.62.1	1.62.1.1	1.62.1.2	1.62.1.3	1.62.1.4	1.62.1.5	1.62.1.6	1.62.1.7	1.62.1.8	1.62.1.9	
1	1	1.63	1.63.1	1.63.1.1	1.63.1.2	1.63.1.3	1.63.1.4	1.63.1.5	1.63.1.6	1.63.1.7	1.63.1.8	1.63.1.9	
1	1	1.64	1.64.1	1.64.1.1	1.64.1.2	1.64.1.3	1.64.1.4	1.64.1.5	1.64.1.6	1.64.1.7	1.64.1.8	1.64.1.9	
1	1	1.65	1.65.1	1.65.1.1	1.65.1.2	1.65.1.3	1.65.1.4	1.65.1.5	1.65.1.6	1.65.1.7	1.65.1.8	1.65.1.9	
1	1	1.66	1.66.1	1.66.1.1	1.66.1.2	1.66.1.3	1.66.1.4	1.66.1.5	1.66.1.6	1.66.1.7	1.66.1.8	1.66.1.9	
1	1	1.67	1.67.1	1.67.1.1	1.67.1.2	1.67.1.3	1.67.1.4	1.67.1.5	1.67.1.6	1.67.1.7	1.67.1.8	1.67.1.9	
1	1	1.68	1.68.1	1.68.1.1	1.68.1.2	1.68.1.3	1.68.1.4	1.68.1.5	1.68.1.6	1.68.1.7	1.68.1.8	1.68.1.9	
1	1	1.69	1.69.1	1.69.1.1	1.69.1.2	1.69.1.3	1.69.1.4	1.69.1.5	1.69.1.6	1.69.1.7	1.69.1.8	1.69.1.9	
1	1	1.70	1.70.1	1.70.1.1	1.70.1.2	1.70.1.3	1.70.1.4	1.70.1.5	1.70.1.6	1.70.1.7	1.70.1.8	1.70.1.9	
1	1	1.71	1.71.1	1.71.1.1	1.71.1.2	1.71.1.3	1.71.1.4	1.71.1.5	1.71.1.6	1.71.1.7	1.71.1.8	1.71.1.9	
1	1	1.72	1.72.1	1.72.1.1	1.72.1.2	1.72.1.3	1.72.1.4	1.72.1.5	1.72.1.6	1.72.1.7	1.72.1.8	1.72.1.9	
1	1	1.73	1.73.1	1.73.1.1	1.73.1.2	1.73.1.3	1.73.1.4	1.73.1.5	1.73.1.6	1.73.1.7	1.73.1.8	1.73.1.9	
1	1	1.74	1.74.1	1.74.1.1	1.74.1.2	1.74.1.3	1.74.1.4	1.74.1.5	1.74.1.6	1.74.1.7	1.74.1.8	1.74.1.9	
1	1	1.75	1.75.1	1.75.1.1	1.75.1.2	1.75.1.3	1.75.1.4	1.75.1.5	1.75.1.6	1.75.1.7	1.75.1.8	1.75.1.9	
1	1	1.76	1.76.1	1.76.1.1	1.76.1.2	1.76.1.3	1.76.1.4	1.76.1.5	1.76.1.6	1.76.1.7	1.76.1.8	1.76.1.9	
1	1	1.77	1.77.1	1.77.1.1	1.77.1.2	1.77.1.3	1.77.1.4	1.77.1.5	1.77.1.6	1.77.1.7	1.77.1.8	1.77.1.9	
1	1	1.78	1.78.1	1.78.1.1	1.78.1.2								

## TROUBLE SHOOTING CAANTEEN LIFTER

NO	MASALAH	KEMUNGKINAN SEBAB	PERBAIKAN
1	Lifter tidak mau jalan,	1).Pintu belum ter tutup rapat 2).Beban melebihnya berat maksimal 3).Tombol emergency stop terlekar	1). tutup rapat semua pintu lifter,pastikan lampu IN USE dipicau 2). kurang beban muatan sampai buntut alarm buzer tidak berbunyi 3). release semua tombol emergency stop,dengan memutar tombol emergency search jarum jam
2	Pintu tidak mau ter tutup rapat	1)pergerakan pintu terhalang sesulut 2)selling pintu putus	1). singkirkan semua benda yang menghindung/dikangri pergerakan pintu 2). ganti selling pintu apabila putus
3	Tombol tidak berfungsi	1) lift dalam posisi mode manual	2). posisikan selector switch ke auto
4	Lampu display tidak menyala/menunjukkan angka	1) mcbl power suply tidak ON	1). cek mcbl power suply dalam panel lifter posisikan ON
5	Interkom tidak berfungsi	1) power tidak masuk	1). cek soket power intercom
6	Lampu sangkar tidak menyala	1) power tidak masuk; 2) Lampu putus	1). cek mcbl lampu dalam panel lifter posisikan ON 2). ganti dengan yang baru
7	Lampu tower lamp merah menyala	1) tombol emergency terlekar 2) lifter tidak level atau limit final terlampaui	1). release tombol emergency pusingan search jarum jam 2). posisikan lifter level melalui manual naik atau turun
8	Cartier lifter tidak level	1) level limit switch kendur, posisi limit berubah	1). setel ulang posisi limit switch,kencangkan

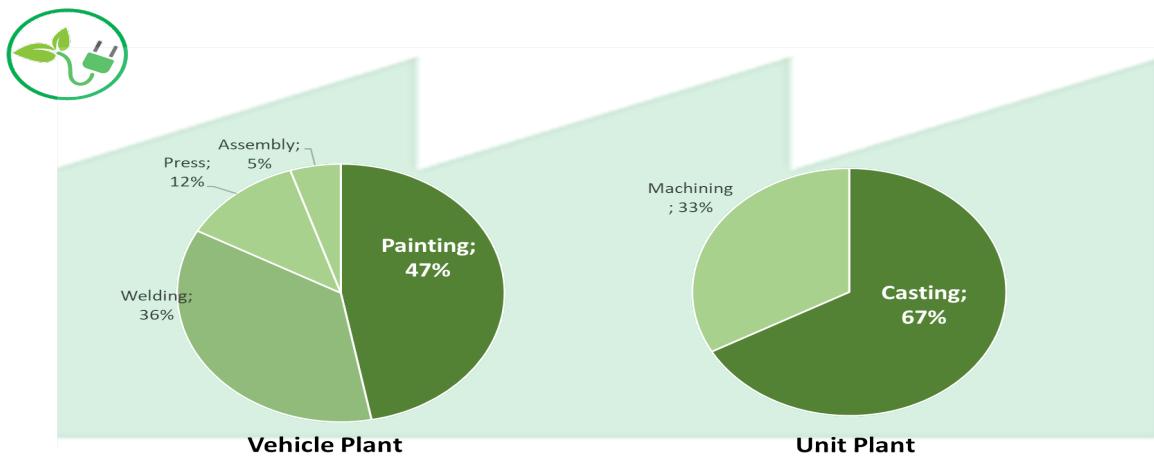
## Step 9 - Next Action

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1). 1 kantin lantai 2 A1 barat berhasil diimprove proses in & out makanan & tools. Remain 4 lokasi kantin di Krw12.

No	Scope	Step	Std	A1 Timur	W1 Selatan	Yokoten	ai 2	QA Atas	A1 Barat	
1	Prepare suplai	Mobil parkir	Aman	O	O	O	O	O	X	
2		Persiapan unloading	aman	O	O	O	O	O	O	
3	Naik ke kantin	Bawa box besar	aman	X	X	X	X	X	O	
4		Pegang handrail	Aman	O	O	O	O	O	O	
5	Penyajian makanan	Melangkah naik tangga	aman	X	X	X	X	X	O	
6		Taruh makanan	aman	O	O	O	O	O	O	
7	Penyajian makanan	Kumpulkan alat & sisa	aman	O	O	O	O	O	O	
8		Bawa box besar	aman	X	X	X	X	X	O	
9	Turun dari kantin	Pegang handrail	Aman	O	O	O	O	O	O	
10		Melangkah naik tangga	aman	X	X	X	X	X	O	
11	Finishing	5R area unloading	aman	O	O	O	O	O	O	
12		Mobil keluar	aman	O	O	O	O	O	O	
Komplain Problem Kapasitas				4	4	4	4	1	410	
				340	290	400	150			

2). Develop thema support TMMIN Plant Zero CO2



**TMMIN Plant Zero  
UBE akan support  
aktivitasnya...!!!**

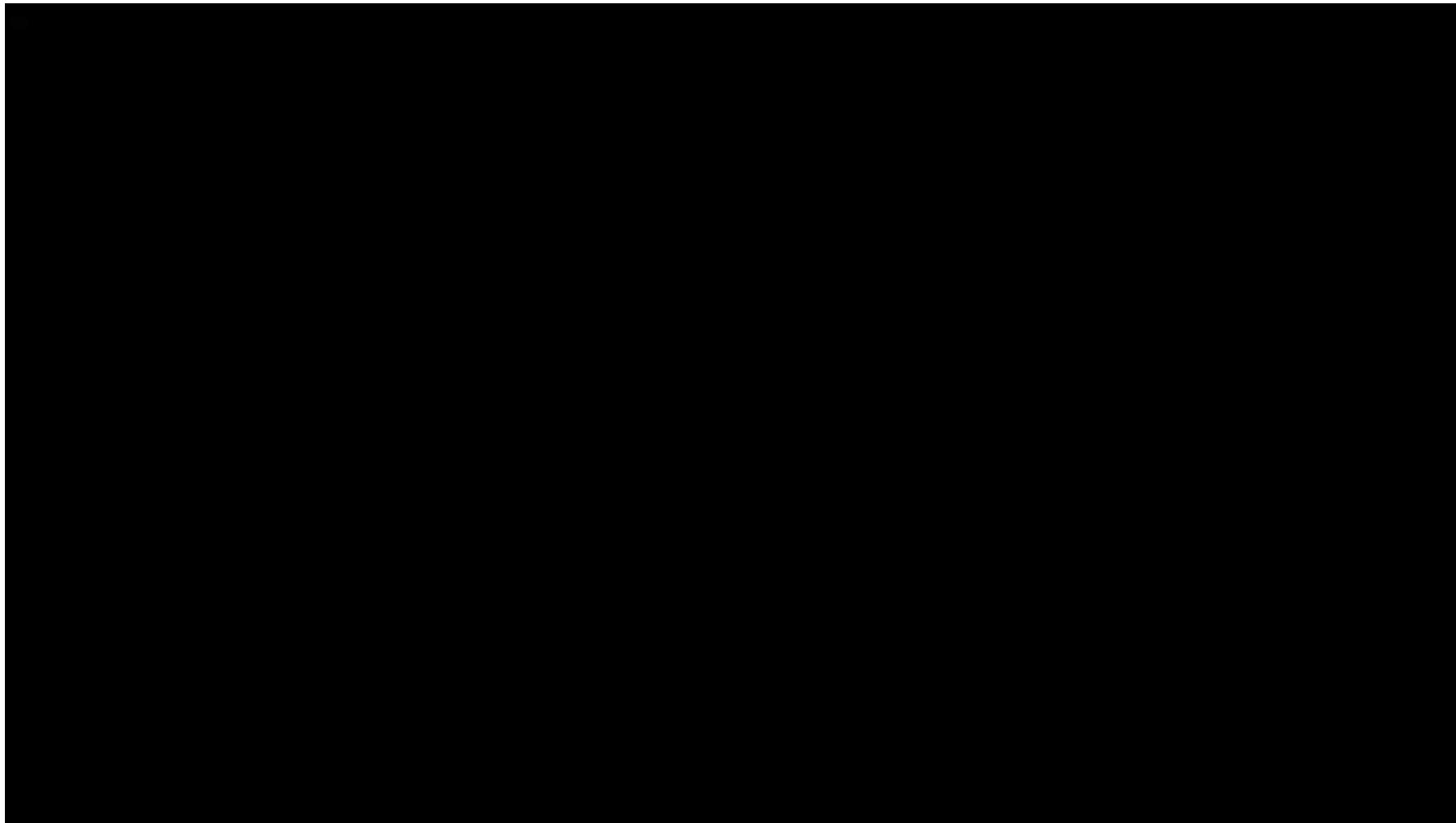
## D. Theme – Before After

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## D. Theme – Video

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## E. Lampiran – Dept Action Plan

TMMIN - PED UBE	PROGRESS UBE DEPT. ACTION PLAN FY 22/23	Approved  Noto B	Preparation  Suyogo	S. Rijal												
<pre> graph TD     A[New Plant] --&gt; B[Follow Online TDEM Spv project]     B --&gt; C[Truss Thoso : Add knowledge for Partial weld]     C --&gt; D[Remind of Quality, Safety , Cost &amp; Time]     D --&gt; E[Press Expansion &amp; HV Baterai: Follow std construction]     E --&gt; F[Individual of Skill competence up ( create master)]     F --&gt; G[Team of Skill competence up ( Share &amp; Horinsho )]     G --&gt; H[Can do by self]     H --&gt; I[Others Project: Can do by self]     I --&gt; J[Others Project: Can do by self]     J --&gt; K[4]     K --&gt; L[UDE Members Lead Project]     L --&gt; M[TDEM as Coach]     M --&gt; N[We are in here]     N --&gt; O[Will do]     O --&gt; P[UDE Members Benchmark / ICT]     P --&gt; Q[TDEM as Auditor &amp; Advisor]     Q --&gt; R[4]     R --&gt; S[UDE support Toyota Indonesia Affiliate as A Consultant]     S --&gt; T[TDEM as Assessment &amp; Advisor]     T --&gt; U[4]     U --&gt; V[Others Project: Can do by self]     V --&gt; W[TMMIN can Do it self by TDEM recomendation]     </pre> <p><b>JIRITSUKA Level Utility &amp; Building Engineering</b></p> <p>Level 1 : Mendomi      Level 2 : Can Do by Guidance      Level 3 : Can do it by self      Level 4 : Can teach others</p>																
Div. Hoshin	ITEM	Target	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Evaluasi	Remark
08.b.05 ( Automation & new Technology implementation )	* Safety * Automation	"0" Accident in Employee Facility implement 1 unit employee facility	Mapping employees Fac		Design Concept		Construction		Trial & Evaluasi						 Canteen Lifter	
13.10. ( Ensure plant preparation & smooth production by flexible construction )	* Bridging Thoso - Assy P1 * Press Expansion & HV baterai	On Time Schedule	Design Concept	Bidding	VA-VE & Kick off		Construction								 On Time	
19.18. ( Execute energy efficiency target in daily kaizen & RE )	* Solar PV 2.3 MWp	* On time install	Design Concept	Bidding		Construction									 Delay Part	
09.07. ( Develop Engineers align with PE roadmap & new business )	* Multi Skill ( Build & ME) * Propose ICT * G-QCC * Idea	* 50% Staff ( 2 MP) * 1 MP 1 Thema / 6 bulan 2 Idea / Bulan	Penentuan MP multiskill	Socialisation & Motivation	Rotasi & multiskill		Evaluasi								 Huda & David.  Rustika Adi  Thema 11  Terbaik & Terbanyak	

# **E. Lampiran – Dept Development Planning**

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## E. Lampiran - Summary Meeting

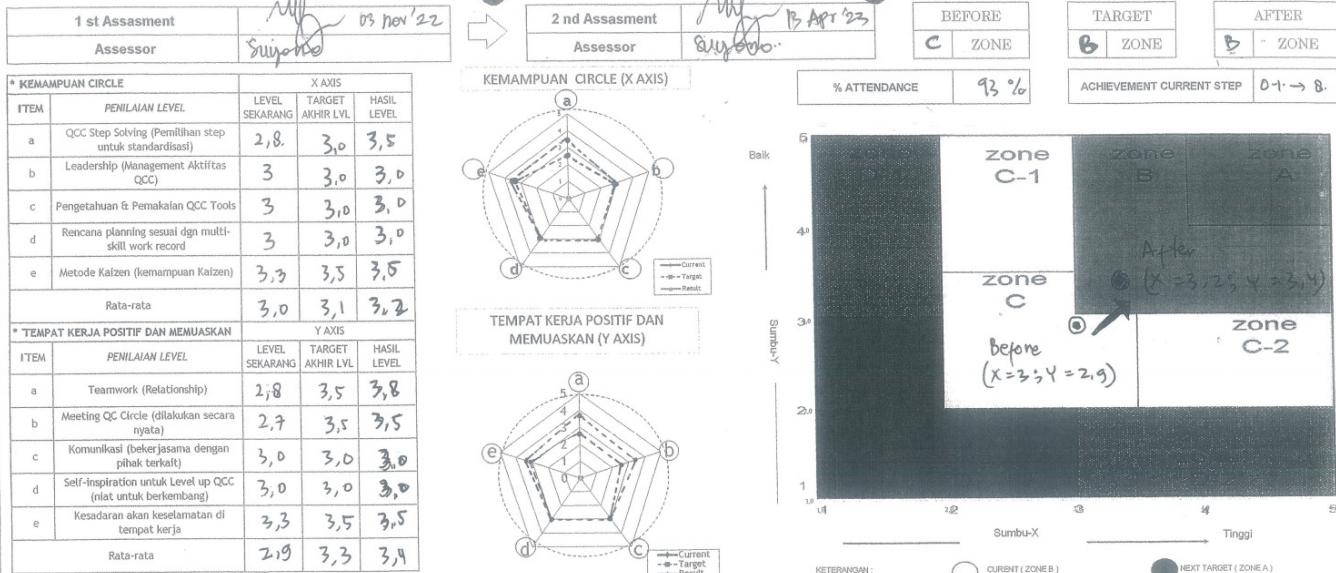
### Summary QCC FY22.23 Semester 2

No	Date	Attendances		PIC	Pembahasan		MOM	CL activity	D. Hadir & Foto2	Bendera & Lamp Theme
					Issue	Follow Up				
		%	MP/7			Zamani		Huda	Adi	David
1	20-Oct-22	100%	7	Huda	Pembentukan susunan grup	Dipilih CL : Huda F,TL : David I				
2	27-Oct-22	86%	6	David	Penyusunan member voice	Summary menjadi step 0-1				
3	03-Nov-22	100%	7	David	Discuss member voice	Revisi dan cek sesuai hasil diskusi				
4	10-Nov-22	86%	6	David	Pemaparan summary member voice ke DpH	Step 0-1 pemilihan tema OK				
5	17-Nov-22	100%	7	Huda	Penyusunan schedule & PIC. All & DpH setuju.	Step 0-2 schedule aktivitas OK				
6	24-Nov-22	86%	6	David	Klarifikasi masalah	Summary data komplain fasilitas, discuss dengan PAD				
7	01-Dec-22	100%	7	David	Pemaparan summary komplain fasilitas	Breakdown dan buat pareto problem				
8	08-Dec-22	86%	6	David	Pemaparan summary pareto problem ke DpH	DpH memberikan beberapa koreksi untuk difollow				
9	15-Dec-22	100%	7	David	Diskusi feedback DpH	Revisi sesuai feedback DpH				
10	22-Dec-22	86%	6	David	Pemaparan rev1 summary pareto problem ke DpH	Step 1 klarifikasi masalah OK				
11	29-Dec-22	86%	6	Rustika	Analisa kondisi yang ada. Breakdown process.	Summary basic problem sesuai breakdown processnya				
12	05-Jan-23	100%	7	Rustika	Pemaparan summary step 2 (anakonda) ke DpH	Step 2 analisa kondisi yang ada OK				
13	12-Jan-23	86%	6	Rustika	Penentuan target pencapaian selama QCC	List up & summary problem dan impact quick action				
14	19-Jan-23	100%	7	Rustika	Pemaparan summary step 3 (target aktivitas) ke DpH	Step 3 target aktivitas OK				
15	26-Jan-23	86%	6	Zamani	Lakukan why, why, why dan trial bolak balik	Summary hasil analisa why, why, why				
16	02-Feb-23	100%	7	Zamani	Pemaparan summary step 4 (asbak) ke DpH	Step 4 analisa sebab akibat OK				
17	09-Feb-23	86%	6	Zamani	Diskusi rencana perbaikan terhadap basic problem	Summary hasil diskusi rencana perbaikan				
18	16-Feb-23	100%	7	Zamani	Pemaparan summary step 5 (rencana) ke DpH	Step 5 rencana penanggulangan OK				
19	23-Feb-23	86%	6	Huda	Jalankan rencana tindak lanjut	Cek & summary				
20	02-Mar-23	100%	7	Huda	Diskusi hasil summary	Perbaikan hasil summary				
21	09-Mar-23	86%	6	Huda	Diskusi dampak kondisi covid & tambahkan rencana	Cek & summary				
22	16-Mar-23	100%	7	Huda	Pemaparan summary step 6 (penanggulangan) ke DpH	Step 6 penanggulangan OK				
23	23-Mar-23	86%	6	David	Compare data penanggulangan dengan before.	Perbaiki data compare; summary				
24	30-Mar-23	86%	6	David	Pemaparan summary step 7 (evaluasi) ke DpH	Step 7 evaluasi OK				
25	06-Apr-23	86%	6	Rustika	Diskusi & buat standarisasi design & konten toilet	Perapihan, numbering, dan approval standard				
26	13-Apr-23	100%	7	Rustika	Pemaparan summary step 8 (standarisasi) ke DpH	Step 8 standarisasi OK				
<b>Rata2</b>		<b>92%</b>	<b>7</b>							

## **E. Lampiran - Assesment**

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## Summary Assessment



Weak point:  
X → Pemahaman GQCC masih rendah  
Y → Pandemic Covid membatasi temu QCC

Strong point :  
X = Member mampu beride mandiri  
Y = Member mengalihkan tipe dengan baik

Nama Group :

Divisi : Production Engineering Division

Departement: Utility & Building Eng

shift: New Direct

Shirt: Msr.: 8MPL

Comment:

\* Monitor / monitor progress level up.  
Assessment by EL (P. Huda) selama  
Q3C Oct '22 - Mar '23,

QCC STEP CONFIRM  
COMPLETED

Confirmasi by : P. K.  
(Secretary OCC) 

DATE: 13 Nov '72

Assessment Before									
Section	Topic	Pre-Test		Post-Test		Pre-Test		Post-Test	
		Score	Grade	Score	Grade	Score	Grade	Score	Grade
Section 1 Number System	1.1 Counting	100	A+	100	A+	100	A+	100	A+
	1.2 Addition	100	A+	100	A+	100	A+	100	A+
	1.3 Subtraction	100	A+	100	A+	100	A+	100	A+
	1.4 Multiplication	100	A+	100	A+	100	A+	100	A+
	1.5 Division	100	A+	100	A+	100	A+	100	A+
	1.6 Fractions	100	A+	100	A+	100	A+	100	A+
	1.7 Decimals	100	A+	100	A+	100	A+	100	A+
	1.8 Percentages	100	A+	100	A+	100	A+	100	A+
	1.9 Ratios and Proportions	100	A+	100	A+	100	A+	100	A+
	1.10 Algebraic Expressions	100	A+	100	A+	100	A+	100	A+
	1.11 Equations	100	A+	100	A+	100	A+	100	A+
	1.12 Inequalities	100	A+	100	A+	100	A+	100	A+
	1.13 Absolute Value	100	A+	100	A+	100	A+	100	A+
	1.14 Functions	100	A+	100	A+	100	A+	100	A+
	1.15 Sequences	100	A+	100	A+	100	A+	100	A+
	1.16 Probability	100	A+	100	A+	100	A+	100	A+
	1.17 Statistics	100	A+	100	A+	100	A+	100	A+
	1.18 Geometry	100	A+	100	A+	100	A+	100	A+
	1.19 Coordinate Geometry	100	A+	100	A+	100	A+	100	A+
	1.20 Trigonometry	100	A+	100	A+	100	A+	100	A+
	1.21 Data Analysis	100	A+	100	A+	100	A+	100	A+
	1.22 Number Properties	100	A+	100	A+	100	A+	100	A+
	1.23 Advanced Topics	100	A+	100	A+	100	A+	100	A+
	1.24 Problem Solving	100	A+	100	A+	100	A+	100	A+
	1.25 Miscellaneous	100	A+	100	A+	100	A+	100	A+
	1.26 Total Score	100	A+	100	A+	100	A+	100	A+
	1.27 Grade	A+		A+		A+		A+	
	1.28 Overall Assessment	100	A+	100	A+	100	A+	100	A+
	1.29 Date of Assessment	10/10/2023		10/10/2023		10/10/2023		10/10/2023	
	1.30 Name of Assessor	Karen		Karen		Karen		Karen	
	1.31 Signature of Assessor								

Assessment After											
Curriculum Area / Subject		Learning Assessment Dec 2020		Learning Assessment Jan 2021		Learning Assessment Feb 2021		Learning Assessment Mar 2021		Learning Assessment Apr 2021	
Topic / Sub-Topic		Score		Score		Score		Score		Score	
Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
Section A Mathematics	Number & Algebra	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
	Measurement & Geometry	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10
	Space & Geometry	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10
	Data & Probability	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10
	Statistics	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
	Financial Mathematics	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10
	Number & Algebra	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.10
	Measurement & Geometry	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.10
	Space & Geometry	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.10
	Data & Probability	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.10
Section B Science	Living Systems	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
	Earth and Space	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10
	Matter and Materials	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10
	Energy and Forces	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10
	Space and Earth	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
	Living Systems	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10
	Earth and Space	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.10
	Matter and Materials	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.10
	Energy and Forces	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.10
	Space and Earth	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.10
Section C HASS	History	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
	Geography	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10
	Human Society and Its Environment	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10
	Civics and Citizenship	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10
	Economics	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
	Business Studies	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10
	Human Society and Its Environment	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.10
	Civics and Citizenship	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.10
	Economics	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.10
	Business Studies	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.10
Section D Health and Physical Education	Health	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
	Physical Education	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10
	Sport	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10
	Health Education	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10
	Health Promotion	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
	Health Education	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10
	Health Promotion	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.10
	Health Education	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.10
	Health Promotion	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.10
	Health Education	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.10



**How Do You Start Your Day ?  
Let's Start The Impossible !!!**

**Thank You**

