

IMPAK ENGINEERING (002022780-K)

NO 61 JALAN TELIPOT 2C BS 9, KAWASAN PERINDUSTRIAN,
BUKIT SENTOSA 3, 48300 RAWANG SELANGOR.
TEL NO : 019278 5475 ,FAX: 03-6021 5475, Email-ipkrich1@gmail.com

2021**M/S : PERBADANAN PRODUKTIVITI MALAYSIA (MPC)**

**PETI SURAT 64, JALAN SULTAN ,
46900 PETALING JAYA SELANGOR.**

ATTN : Account Department.**INVOICE****Invoice No : MTK - 003991****Date : 22nd MARCH 2021**

ORDER NO.	DATE DELIVERED/ D.O	OUR REFERENCE/ JOB SHEET	TERMS
034216-00	26- 02 - 2021	REFER SERVICE REPORT	CASH
RE : TO SERVICE AND MAINTENANCE OF FIRE PROTECTION SYSTEM AT BANGUNAN MPC, JALAN SULTAN PETALING JAYA , JANUARY AND FEBRUARY 2021.			

Being work completed for the servicing and maintenance of the following system:-

FIRE PROTECTION SYSTEM FOR BLOCK INOVASI & BLOCK PRODUCTIVITY :

1. FIRE ALARM SYSTEM.
2. HOSE REEL SYSTEM.
3. TOTAL FLOODING Co2 SYSTEM - Switch Room.
4. SERVER ROOM - INERTEC 100 GAS SYSTEM.
5. SERVER ROOM- BLOCK B.

For the total sum of : Rm 1,000.00

Thank you,
Yours Faithfully,
Impak Engineering


(MOHD TAIB BIN KATAP)

Saya memperakui bahawa barang
barang/perkhidmatan yang dipesan
telah dilaksanakan dengan memuaskan
dan sempurna.

Tandatangan: 
Nama: Amirul Qamar Zakaria
Jawatan: Penolong Jurutera (JA29)
Tarikh: 24/3/21
Perbadanan Produktiviti Malaysia (MPC)



IMPAK ENGINEERING

(002022780-K)

NO 63 JALAN KEMBOJA 4C/4 BUKIT SENTOSA 3, 48300 RAWANG SELANGOR.
TEL NO : 019 278 5475, FAX : 03 6021 5475, E-mail : ipkrich1@gmail.com

FIELD SERVICE AND MAINTENANCE REPORT

Name of Customer / Site :

M.P.C

REPORT NO :

1666

Address :

On Sultan, P.J.

DATE :

26/2/2021

TYPE OF JOB SYSTEM : Warranty / T&C ☐ Servicing ☒ On Call ☐ Emergency ☐ Repair ☐

FIXED INSTALLATION SYSTEMS CHECKLIST

C02 ☒ ARGONITE ☐ OTHERS:.....

ITEM	LOCATION	B1K B					
		M&B Room	Service Room	Service Room			
1. AC Supply (230V)		✓	✓	✓			
2. DC Unit (24V)		✓	✓	✓			
3. AC/DC Auto-Switching		✓	✓	✓			
4. Battery Condition		✓	✓	✓			
5. Zone Selector Switch		✓	✓	✓			
6. Bulb Indicators		✓	✓	✓			
7. Gas Discharge and Isolation Switch		✓	✓	✓			
8. Gas Discharge Delay Timer / 1/2 hr and 30 sec		✓	✓	✓			
9. Manual Key Switch		✓	✓	✓			
10. Heat / Smoke Detector		✓	✓	✓			
11. Curtain and Exhaust Fan Cut-off		✓	✓	✓			
12. Nozzle, Valves and Fitting		✓	✓	✓			
13. Pressure Gauge		✓	✓	✓			

Remarks / Recommendation : ① B1K B - charger card faulty, need to rectify
② M&B Room - charger card faulty, need to rectify

Service Attended By :

Signed

Customer Certification:

Amirul Qamar Zakaria
Penolong Jurutera (JA29)
Perbadanan Produktiviti Malaysia (MPC)
Chop & Signed



IMPAK ENGINEERING (002022780-K)
 NO 61 JALAN TELIPOT 2C BS 9, KAWASAN PERINDUSTRIAN BUKIT SENTOSA 3,
 48300 RAWANG SELANGOR.
 TEL NO : 019 278 5475, FAX : 03 6021 5475, E-mail : lpkrich1@gmail.com

FIELD SERVICE AND MAINTENANCE REPORT

Name of Customer / Site : M.P.E

SER REPORT NO : **2076**

Address : Old Rupa, P.S.

Contact : _____ Phone : _____

DATE : 26/1/2021

TYPE OF JOB SYSTEM : Warranty / T&C ☐ Servicing ☒ On Call ☐ Emergency ☐ Repair ☐

CHECKLIST <u>Block C.</u>	CHECKLIST <u>Block C.</u>	CHECKLIST												
A FIRE ALARM SYSTEM	B HOSE REEL SYSTEM	E GAS / CO2 SYSTEM												
1. AC Supply (240V) ☒	1. Pumpsets Control Panel ☒	1. AC Supply (240V) ☐												
2. DC Unit (24V) ☒	2. Electrical Components ☒	2. DC Unit (24V) ☐												
3. AC/DC Auto-Switching ☒	3. Phase Indicators ☒	3. AC/DC Auto-Switching ☐												
4. Battery Condition ☒	4. Battery Condition ☒	4. Battery Condition ☐												
5. Zone Selector Switch ☒	5. Motor Components ☒	5. Zone Selector Switch ☐												
6. Bulb Indicators ☒	6. Pump Seal and Coupling ☒	6. Bulb Indicators ☐												
7. AHU Trips ☒	7. Diesel Pumpsets Test ☒	7. Gas Discharge and Isolation Switch ☐												
8. Fire Brigade Connection/ CMS ☒	8. Diesel Engine Components ☒	8. Gas Discharge Delay Timer ☐												
9. Lift Sensors ☒	9. Water Tank and Indicator ☒	9. Manual Key Switch ☐												
10. Heat / Smoke Detector ☒	10. Low Level Indicator and Motoring Signal ☒	10. Heat / Smoke Detector ☐												
11. Manual Breakglass ☒	11. Valves and Fittings ☒	11. Current and Exhaust Fan Cut-off ☐												
12. Alarm Circuitry ☒	12. Drum, Rubber Hose and Nozzle ☒	12. Nozzle, Valves and Fitting ☐												
13. Evacuation Switch ☒	13. Pumpsets Test ☒	13. Pressure Gauge ☐												
14. Bell and Buzzer ☒	14. Pumpsets Pressure Settings ☒													
15. Pump Indication ☒														
16. Gas Indication ☒														
	<table border="1"> <thead> <tr> <th></th> <th>cut in</th> <th>cut out</th> </tr> </thead> <tbody> <tr> <td>Duty</td> <td></td> <td></td> </tr> <tr> <td>Standby</td> <td></td> <td></td> </tr> </tbody> </table>		cut in	cut out	Duty			Standby						
	cut in	cut out												
Duty														
Standby														
C SPRINKLER SYSTEM	D WET RISER AND HYDRANT SYSTEM	F FIREMAN INTERCOM												
1. Pumpsets Control Panel ☐	1. Pumpsets Control Panel ☐	1. AC Supply (240V) ☐												
2. Electrical Components ☐	2. Electrical Components ☐	2. DC Unit (24V) ☐												
3. Phase Indicators ☐	3. Phase Indicators ☐	3. AC/DC Auto-Switching ☐												
4. Battery Condition ☐	4. Battery Condition ☐	4. Battery Condition ☐												
5. Motor Components ☐	5. Motor Components ☐	5. Zone Control Unit ☐												
6. Pump Seal and Coupling ☐	6. Pump Seal and Coupling ☐	6. Bulb Indicators ☐												
7. Diesel Pumpsets Test ☐	7. Diesel Pumpsets Test ☐	7. Master Control Unit ☐												
8. Diesel Engine Components ☐	8. Diesel Engine Components ☐	8. Buzzer Cut-Off ☐												
9. Water Tank and Indicator ☐	9. Water Tank and Indicator ☐	9. Audible Buzzer And Flashing Indicator ☐												
10. Low Level Indicator and Monitoring Signal ☐	10. Low Level Indicator and Monitoring Signal ☐													
11. Valves and Fitting ☐	11. Valves and Fittings ☐													
12. Sprinkler Heads ☐	12. Hydrant Equipment and Components ☐													
13. Sprinkler Pump Flow Test ☐	13. Landing Valve and Components ☐													
14. Pumpsets Test ☐	14. Pumpsets Test ☐													
15. Pumpsets Pressure Settings ☐	15. Pumpsets Pressure Settings ☐													
	<table border="1"> <thead> <tr> <th></th> <th>cut in</th> <th>cut out</th> </tr> </thead> <tbody> <tr> <td>Jockey</td> <td></td> <td></td> </tr> <tr> <td>Duty</td> <td></td> <td></td> </tr> <tr> <td>Standby</td> <td></td> <td></td> </tr> </tbody> </table>		cut in	cut out	Jockey			Duty			Standby			
	cut in	cut out												
Jockey														
Duty														
Standby														
		G PUBLIC ADDRESS AND SOUND SYSTEM												
		1. AC Supply (240V) ☐												
		2. Battery Condition ☐												
		3. Battery Charger ☐												
		4. AC/DC Auto-switching ☐												
		5. Zone Selector Switch ☐												
		6. Station Call Switches ☐												
		7. Emergency Paging Switches ☐												
		8. Amplifier Test ☐												
		9. Microphone Test ☐												
		10. Ceiling and Wall Speakers ☐												

Remarks : D.C.P.V. wiring fault, need to rectify.

Service Attended By :

Signed

Customer Certification:

Amirul Qamar Zakaria
 Penolong Jurutera (JA29)

Chop & Signed

Perbadanan Produktiviti Malaysia (MPC)



IMPAK ENGINEERING

(002022780-K)

NO 61 JALAN TELIPOT 2C BS 9, KAWASAN PERINDUSTRIAN BUKIT SENTOSA 3,
48300 RAWANG SELANGOR.

TEL NO : 019 278 5475, FAX : 03 6021 5475, E-mail : ipkrich1@gmail.com

FIELD SERVICE AND MAINTENANCE REPORT

Name of Customer / Site : M.P.C.SER REPORT NO : **2075**Address : Da Sultan, P.S.

Contact : _____ Phone : _____

DATE : 25/2/2021TYPE OF JOB SYSTEM : Warranty / T&C ☐ Servicing ☒ On Call ☐ Emergency ☐ Repair ☐

CHECKLIST <u>Block E</u>	CHECKLIST <u>Block E</u>	CHECKLIST																								
A FIRE ALARM SYSTEM	B HOSE REEL SYSTEM	E GAS / CO2 SYSTEM																								
1. AC Supply (240V) ☒	1. Pumpsets Control Panel ☒	1. AC Supply (240V) ☒																								
2. DC Unit (24V) ☒	2. Electrical Components ☒	2. DC Unit (24V) ☒																								
3. AC/DC Auto-Switching ☒	3. Phase Indicators ☒	3. AC/DC Auto-Switching ☒																								
4. Battery Condition ☒	4. Battery Condition ☒	4. Battery Condition ☒																								
5. Zone Selector Switch ☒	5. Motor Components ☒	5. Zone Selector Switch ☒																								
6. Bulb Indicators ☒	6. Pump Seal and Coupling ☒	6. Bulb Indicators ☒																								
7. AHU Trips ☒	7. Diesel Pumpsets Test ☒	7. Gas Discharge and Isolation Switch ☒																								
8. Fire Brigade Connection/ CMS ☒	8. Diesel Engine Components ☒	8. Gas Discharge Delay Timer ☒																								
9. Lift Sensors ☒	9. Water Tank and Indicator ☒	9. Manual Key Switch ☒																								
10. Heat / Smoke Detector ☒	10. Low Level Indicator and Motoring Signal ☒	10. Heat / Smoke Detector ☒																								
11. Manual Breakglass ☒	11. Valves and Fittings ☒	11. Curtain and Exhaust Fan Cut-off ☒																								
12. Alarm Circuitry ☒	12. Drum, Rubber Hose and Nozzle ☒	12. Nozzle, Valves and Fitting ☒																								
13. Evacuation Switch ☒	13. Pumpsets Test ☒	13. Pressure Gauge ☒																								
14. Bell and Buzzer ☒	14. Pumpsets Pressure Settings ☒																									
15. Pump Indication ☒																										
16. Gas Indication ☒																										
	<table border="1"> <thead> <tr> <th></th> <th>cut in</th> <th>cut out</th> </tr> </thead> <tbody> <tr> <td>Duty</td> <td></td> <td></td> </tr> <tr> <td>Standby</td> <td></td> <td></td> </tr> </tbody> </table>		cut in	cut out	Duty			Standby																		
	cut in	cut out																								
Duty																										
Standby																										
C SPRINKLER SYSTEM	D WET RISER AND HYDRANT SYSTEM	F FIREMAN INTERCOM																								
1. Pumpsets Control Panel ☒	1. Pumpsets Control Panel ☒	1. AC Supply (240V) ☒																								
2. Electrical Components ☒	2. Electrical Components ☒	2. DC Unit (24V) ☒																								
3. Phase Indicators ☒	3. Phase Indicators ☒	3. AC/DC Auto-Switching ☒																								
4. Battery Condition ☒	4. Battery Condition ☒	4. Battery Condition ☒																								
5. Motor Components ☒	5. Motor Components ☒	5. Zone Control Unit ☒																								
6. Pump Seal and Coupling ☒	6. Pump Seal and Coupling ☒	6. Bulb Indicators ☒																								
7. Diesel Pumpsets Test ☒	7. Diesel Pumpsets Test ☒	7. Master Control Unit ☒																								
8. Diesel Engine Components ☒	8. Diesel Engine Components ☒	8. Buzzer Cut-Off ☒																								
9. Water Tank and Indicator ☒	9. Water Tank and Indicator ☒	9. Audible Buzzer And Flashing Indicator ☒																								
10. Low Level Indicator and Monitoring Signal ☒	10. Low Level Indicator and Motoring Signal ☒																									
11. Valves and Fitting ☒	11. Valves and Fittings ☒																									
12. Sprinkler Heads ☒	12. Hydrant Equipment and Components ☒																									
13. Sprinkler Pump Flow Test ☒	13. Landing Valve and Components ☒																									
14. Pumpsets Test ☒	14. Pumpsets Test ☒																									
15. Pumpsets Pressure Settings ☒	15. Pumpsets Pressure Settings ☒																									
<table border="1"> <thead> <tr> <th></th> <th>cut in</th> <th>cut out</th> </tr> </thead> <tbody> <tr> <td>Jockey</td> <td></td> <td></td> </tr> <tr> <td>Duty</td> <td></td> <td></td> </tr> <tr> <td>Standby</td> <td></td> <td></td> </tr> </tbody> </table>		cut in	cut out	Jockey			Duty			Standby			<table border="1"> <thead> <tr> <th></th> <th>cut in</th> <th>cut out</th> </tr> </thead> <tbody> <tr> <td>Jockey</td> <td></td> <td></td> </tr> <tr> <td>Duty</td> <td></td> <td></td> </tr> <tr> <td>Standby</td> <td></td> <td></td> </tr> </tbody> </table>		cut in	cut out	Jockey			Duty			Standby			
	cut in	cut out																								
Jockey																										
Duty																										
Standby																										
	cut in	cut out																								
Jockey																										
Duty																										
Standby																										
		G PUBLIC ADDRESS AND SOUND SYSTEM																								
		1. AC Supply (240V) ☒																								
		2. Battery Condition ☒																								
		3. Battery Charger ☒																								
		4. AC/DC Auto-switching ☒																								
		5. Zone Selector Switch ☒																								
		6. Station Call Switches ☒																								
		7. Emergency Paging Switches ☒																								
		8. Amplifier Test ☒																								
		9. Microphone Test ☒																								
		10. Ceiling and Wall Speakers ☒																								

Remarks : DA HV-fault light indicate due wiring faulty, need to rectify
water tank corroded badly, need to replaced.

Service Attended By :

Signed

Customer Certification

Amirul Qamar Zakaria
Penolong Jurutera (JA29)Chop & Signed
Pegadangan Produk Malaysia (MPC)