

Ex Inspection Test Report



Explosion Proof (Ex) Equipment - Inspection & Repair Works at DPF Facilities










General Information's

Client Name	 دبي للبتروول Dubai Petroleum	Contractor Name	 Delta Solutions ENGINEERING SERVICES
Location		Area	
Area Classification		IP Rating	
Area Classification Drawing No.		Equipment Layout Drawing No.	

Equipment Tag Details

RFID Reference	Inspection Reference	GPS Coordinates	Equipment Category
Equipment Tag	Circuit ID	Description	Manufacture
Type/Model	Serial Number	ATEX Category	EPL
Protection Standard	Protection Type	Gas Group	T-Class
IP Rating	T-Ambient	Certification Body	Certification Number
Special Conditions			

Inspection Checklist

Inspection Type		Inspection Checklist		Inspection Grade	
Defect code	A. General Equipment Checks			01/14	
A1	Bolts, cable entry devices (direct and indirect) and blanking elements are of the correct type and are complete, not damaged and tight				
A1	Motor fans have sufficient clearance to the enclosure and/or covers, cooling systems are undamaged, motor foundations have no indentations or cracks				
A1	Safety barrier units, isolators, relays and other energy limiting devices are of the approved type, installed in accordance with the certification requirements and securely earthed where required				
A1	Separation is maintained between intrinsically safe and non-intrinsically safe circuits in common distribution boxes or relay cubicles				
Defect code	A. General Installation Checks			01/14	
B1	Bolts, cable entry devices (direct and indirect) and blanking elements are of the correct type and are complete, not damaged and tight				
B2	Motor fans have sufficient clearance to the enclosure and/or covers, cooling systems are undamaged, motor foundations have no indentations or cracks				
B3	Safety barrier units, isolators, relays and other energy limiting devices are of the approved type, installed in accordance with the certification requirements and securely earthed where required				

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DeEx

Defect Analysis

Defect Code	Findings	Remedial Actions	Remarks
Additional Comments:			
<div>Photo 1</div>	<div>Photo 2</div>	<div>Photo 3</div>	<div>Faulty Items:</div> <div>Inspection Status:</div> <div>Defect Category:</div> <div>Overall Condition:</div> <div>Isolations:</div> <div>Other Requirements:</div>

Corrective Actions

Defect Code	Findings	Recommendations	Done	Repaired By	Repaired Date
Additional Comments:					
<div>Photo 1</div>	<div>Photo 2</div>	<div>Photo 3</div>			<div>Existing Faults:</div> <div>Current Status:</div> <div>Defect Category:</div> <div>Current Condition:</div> <div>Isolations:</div> <div>Others:</div>

	Signature	Name	Reference ID	Date
Inspected By				
Repaired By				
Approved By				