COMPLET		NUMBER
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Client Details

Detailed inspection certificate for an electrical installation in a potentially explosive atmosphere (other than mines) issued in accordance with I.S. EN 60079 and ET105:2011.

1.	CLIENT DETAILS						Addres	SS:			
2.	INSTALLATION Client:		(if different		-		Addres	SS:			
3.	INSTALLATION	EXTENT C	COVERED B	Y THIS (CERTIFIC	ATE (attao	ch an ado	ditional sheet if requ	uired):		
4.	CERTIFICATION Design & Selecti Installation (pg3 Inspection (pg4)	ion (pg2))									
5.	ELECTRICAL EC			<u>D</u> :							
	Refinery □ Storage □		Pharmac Distribut					acturing Generation	Process Other	sing	
	Comments:										
	Nature of ignitable	e materials	s as per EPD): Gas/	/Vapour [C		Mist 🗌		Dust 🗌	
	Zones (Gas):	0				1			2		
	Gas Group:	IIA				IIB			IIC		
	Zones (Dust):	20				21			22		
	Dust Group:	I.				II			ш		
	Temperature Cla	ass: T1		T2 🗌		Т3 🗌		T4 🗌	Т5 🗌		т6 🗌
	Comments:										
6.	ATTACHED TO			rtificate				Number of sheet	s attached	l: <u>Four</u>	
	(ii) Index indicat	ing desigr	n drawings	and doc	umentatio	on		Number of sheet	of sheets attached:		
	(iii) Index indicating equipment selection and certification				Number of sheets attached:						
	(iv) ETCI Test Record Sheets for Electrical installations				Number of sheets attached:						
	(v) ETCI Test Record Sheets for non EEx 'i' installations				Number of sheets attached:						
	(vi) ETCI Test Record Sheets for EEx 'i' installations				Number of sheets attached:						
	(vii) Comment S	heets atta	ched					Number of sheet	ts attached	l:	
	(viii) List of Test	equipme	nt used					Number of sheet	ts attached	l:	
							Total N	Total Number of sheets attached:			

Design & Selection

Pr	roject Supervisor Design Process (PSDP):	Address:
De	esigner:	Address:
EF	PD referenced in the design of this installation:	
De	esign completed as indicated on drawings and doc	umentation as per Index attachment(s) no:
sig ou ar Po	gnatures below), particulars of which are described at the design, hereby certify that the design work fo ad belief in accordance with standard I.S. EN 60079 potentially Explosive Atmospheres and current Irish	the electrical installation in a hazardous area (as indicated by our d above, having exercised reasonable skill and care when carryin or which we have been responsible is, to the best of our knowledg -14, ET105:2011 National Rules for Electrical Installations in a Legislation, except for any departures, if any, detailed as follows
Tŀ	ne extent of liability of the signatories is limited to t	he work described above as the subject of this certificate.
A.	Signature:	Date:
Na	ame in CAPITALS: Design Engineer / Manager	Affiliation (CEng / IEng / Other):
В.	Signature:	Date:
Na	ame in CAPITALS: Design Engineer / Manager	Affiliation (CEng / IEng / Other):
	Design Engineer / Manager	
Co		
SE		
<u>SI</u> Co	ompany registration Number: ELECTION PARTICULARS (if more than one organ ompany:	isation, attach additional sheets as required) Address:
<u>Si</u> Co Se	ELECTION PARTICULARS (if more than one organ ompany:	isation, attach additional sheets as required)
SE Co Se Ec W in vi ou In	ELECTION PARTICULARS (if more than one organ ompany: ELECTION of equipment and components as per Reginger election of equipment and components as per Reginger quipment and component certificates of suitability e, being the persons responsible for the design and dicated by our signatures below), particulars of whe hen carrying out the selection, hereby certify that turk nowledge and belief, in accordance with standard stallations in Potentially Explosive Atmospheres are selected.	isation, attach additional sheets as required) Address:
SE Co Se Ec W in wl ou In de	ELECTION PARTICULARS (if more than one organ ompany: ELECTION of equipment and components as per Reginered and components as per Reginered and components as per Reginered and component certificates of suitability election of equipment and components as per Reginered and component certificates of suitability get being the persons responsible for the design and dicated by our signatures below), particulars of when carrying out the selection, hereby certify that tur knowledge and belief, in accordance with standars stallations in Potentially Explosive Atmospheres are atailed as follows (attach an additional sheet if required as follows (attach an additional sheet if required as follows)	isation, attach additional sheets as required) Address:
SE Co Se Ec W in wil ou In tr	ELECTION PARTICULARS (if more than one organ ompany: ELECTION of equipment and components as per Reginered and components as per Reginered and components as per Reginered and component certificates of suitability election of equipment and components as per Reginered and component certificates of suitability get being the persons responsible for the design and dicated by our signatures below), particulars of when carrying out the selection, hereby certify that tur knowledge and belief, in accordance with standars stallations in Potentially Explosive Atmospheres are atailed as follows (attach an additional sheet if required as follows (attach an additional sheet if required as follows)	isation, attach additional sheets as required) Address:
SE Co Se Ec W in wil ou In tr	company registration Number: ELECTION PARTICULARS (if more than one organ ompany: company: company:	isation, attach additional sheets as required) Address:
SE Co Se Ec W in wil ou In tr	ompany registration Number: ELECTION PARTICULARS (if more than one organ ompany:	isation, attach additional sheets as required) Address:
See Co See Win Win See Th A.	ELECTION PARTICULARS (if more than one organ ompany: ELECTION of equipment and components as per Reginer election of equipment and components as per Reginer quipment and component certificates of suitability e, being the persons responsible for the design and dicated by our signatures below), particulars of when carrying out the selection, hereby certify that the ur knowledge and belief, in accordance with standar stallations in Potentially Explosive Atmospheres are atailed as follows (attach an additional sheet if require extent of liability of the signatories is limited to the Name in CAPITALS: Engineer / Manager / Senio Signature:	isation, attach additional sheets as required) Address:

COMPL	ETION CERT	IFICATE NU	MBER:

Insta	allation
INSTALLATION PARTICULARS (if more than one orga Company:	anisation, attach additional sheets as required) Address:
Confirmation of general compliance to ET101:2008	
signatures below), particulars of which are described a out the installation, hereby certify that the installation knowledge and belief, in accordance with standard I.S	the electrical installation in a hazardous area (as indicated by or above, having exercised reasonable skill and care when carryin for which we have been responsible is, to the best of our 5. EN 60079-14, ET105:2011 National Rules for Electrical d current Irish Legislation, except for any departures, if any, red):
The extent of liability of the signatories is limited to the	e work described above as the subject of this certificate.
A. Name in CAPITALS: Site Engineer / Construction Manag	Affiliation (CEng / IEng / Other): ger / Electrical Supervisor
Signature:	Date:
B. Name in CAPITALS: Site Engineer / Construction Manag	Affiliation (CEng / IEng / Other): ger / Electrical Supervisor
Signature:	Date:
Company registration Number:	
Drawings & Test Record Sheets	
Electrical Drawings (As built) completed as per Index r	no:
Electrical Test Record sheets completed as per Index	no:
Descriptive System Documents (As built) completed a	s per Index no:

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COMPLETION	CERTIFICATE	NUMBER:

Inspection of completed installation for compliance

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1. <u>INSPECTION PARTICULARS</u> (if more than one INSPECTOR, attach additional sheets as required) Company: Address:

We, being the persons responsible for the INSPECTION of the electrical installation in a hazardous area (as indicated by our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the INSPECTION, hereby certify that the referenced work in this report for which we have been responsible is, to the best of our knowledge and belief, in accordance with standard I.S. EN 60079-17, ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres for Electrical Installations in Potentially Explosive Atmospheres and current Irish Legislation, except for any departures, if any, detailed as follows (attach an additional sheet if required):

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

Α.	Signature:	Date:	
	Name in CAPITALS:	_INSPECTOR / REVIEWER Affili	iation (CEng / IEng / Other):
В.	Signature:	Date:	
	Name in CAPITALS:	_INSPECTOR / REVIEWER Affilia	ation (CEng / IEng / Other):
C.	Signature:	Date:	

Name in CAPITALS: _____ Optional if a Notified Body is engaged in the inspection: _____

2. VISUAL CONFIRMATION

Detailed inspection schedules in accordance with standard I.S. EN 60079-17, ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres and current Irish Legislation for each system compiled and reviewed for completeness. If not list all deviations here (attach additional sheets as required):

Visual confirmation <u>ONLY</u> of general compliance to ET101:2008	Diagrams, warning notices and signage in place	
Single phase circuits (& RCD's) double pole	Identification of isolating switches	
Identification of protective devices	Test Equipment Calibration Certificates confirmed	
Test Record Sheets complete		
Comments:		

3. DOCUMENTATION/PROCEDURES

The inspector is required to confirm that all applicable and related referenced documents / drawings have been recorded and confirmed to be true copies of the final as installed installation prior to conducting any detailed inspection of the referenced works.

ET101:2008 Installation Certificate (reference ET101:2008 Part 6)	Classification of hazardous areas	
Apparatus Group	Temperature Class	
Records sufficient for maintenance purposes	Equipment isolated prior to inspection	
(ATEX) CE mark and Declarations of Conformity	Plant Modification procedure in place	
Personnel Assessed for Competency	Plant Engineer Consulted	
Documentation available for EEx 'i' systems	Permit To Work system in place	
Comments:	 	

4. NEXT INSPECTION

The interval between periodic inspections shall be in line with the requirements of current Irish statutory legislation;

Next inspection shall be recorded and documented in an appropriate manner in the Clients engineering and Maintenance Program.