



**BANGLADESH GAS FIELDS  
COMPANY LIMITED**



**CONSORTIUM OF  
SINOPEC PETROLEUM ENGINEERING CORPORATION.  
AND  
ZICOM EQUIPMENT PTE. LTD.**



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## ELECTRICAL DATA SHEET

Doc. No: 252-0401-EMEL-DS00-0007

Job No. : 252-I

Client : BANGLADESH GAS FIELDS COMPANY LIMITED

Location : TITAS GAS FIELD, BANGLADESH




Item No. : -




Description : LIGHTING SYSTEM

Project Title. : 2x75MMSCFD TEG DEHYDRATION TYPE NATURAL GAS PROCESS PLANT

Year Built : 2015

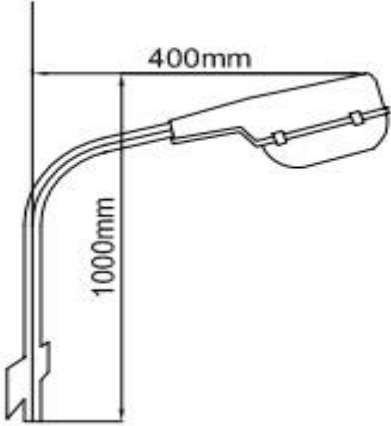
A	12-May-15	7	ISSUED FOR APPROVAL	AS	MH	VG
Rev.	Date	Page	Description of Revision	Prepared	Checked	Approved

 <div>BANGLADESH GAS FIELDS COMPANY LIMITED</div>		ELECTRICAL DATASHEET	 <div>CONSORTIUM OF SINOPEC PETROLEUM ENGINEERING CORPORATION AND ZICOM EQUIPMENT PTE. LTD.</div> 	
USER LOCATION PROJECT JOB NO.	BANGLADESH GAS FIELDS COMPANY LIMITED TITAS GAS FIELD, BANGLADESH 2x75MMSCFD TEG DEHYDRATION TYPE NATURAL GAS PROCESS PLANT 252      Location I		DOC NO. SERVICE TAG NO. QUANTITY	252-0401-EMEL-DS00-0007   REV : A Plant Lighting 02-L-0101, 02-L-0103, 02-L-0105 3 Sets
GENERAL	1	Name	High Mast Light(Circular)	
	2	Tag No.	02-L-0101, 02-L-0103, 02-L-0105	
	3	Quantity	3 sets. (3 light per tower)	
	4	Service	Plant Lighting	
	5	Installation Location	Outdoor	
	6	Cable	PVC Insulation	
	7	Type of Lamp	Sodium Vapor Lamp	
RATED	8	Input Voltage	230 VAC	
	9	Frequency	50 Hz	
	10	Phase	Single Phase	
	11	Power	3 numbers 200 Watt Explosion proof sodium light assembly at top	
STRUCTURE	12	Mast Operation	<input type="checkbox"/> Pneumatic <input checked="" type="checkbox"/> Fixed	
	13	Mounting Type	Pole	
	14	Light Pole Height	15 meter	
	15	Light Pole Shape	<input type="checkbox"/> Circle taper rod <input type="checkbox"/> Polygon taper rod <input checked="" type="checkbox"/> VTA	
	16	Angle Between Lamps (Deg)	<input type="checkbox"/> 30 <input type="checkbox"/> 60 <input type="checkbox"/> 90 <input checked="" type="checkbox"/> 120	
	17	Refractor	Yes	
	18	Degree of Explotion-Proof	Exd IIB T4	
	19	Degree of Protection	IP65	
OTHERS	20	Dimension	VTA	
	21	Weight	VTA	
	22	Manufacturer	Reputed	
	23	Junction box	Explosion Proof, 4way	
	24	Anchoring Bolt	Yes	
	25	Gland	VTA	




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USER LOCATION PROJECT JOB NO.	BANGLADESH GAS FIELDS COMPANY LIMITED TITAS GAS FIELD, BANGLADESH 2x75MMSCFD TEG DEHYDRATION TYPE NATURAL GAS PROCESS PLANT 252      Location I		DOC NO. SERVICE TAG NO. QUANTITY	252-0401-EMEL-DS00-0007   REV : A Plant Lighting 02-L-0102, 02-L-0104, 02-L-0106 3 Sets
GENERAL	1	Name	High Mast Light(Sectoral)	
	2	Tag No.	02-L-0102, 02-L-0104, 02-L-0106	
	3	Quantity	3 sets. (3 light per tower)	
	4	Service	Plant Lighting	
	5	Installation Location	Outdoor	
	6	Cable	PVC Insulation	
	7	Type of Lamp	Sodium Vapor Lamp	
RATED	8	Input Voltage	230 VAC	
	9	Frequency	50 Hz	
	10	Phase	Single Phase	
	11	Power	3 numbers 200 Watt Explosion proof sodium light assembly at top	
STRUCTURE	12	Mast Operation	<input type="checkbox"/> Pneumatic <input checked="" type="checkbox"/> Fixed	
	13	Mounting Type	Pole	
	14	Light Pole Height	15 meter	
	15	Light Pole Shape	<input type="checkbox"/> Circle taper rod <input type="checkbox"/> Polygon taper rod <input checked="" type="checkbox"/> VTA	
	16	Angle Between Lamps (Deg)	<input type="checkbox"/> 30 <input checked="" type="checkbox"/> 60 <input type="checkbox"/> 90 <input type="checkbox"/> 120	
	17	Refractor	Yes	
	18	Degree of Explotion-Proof	Exd IIB T4	
	19	Degree of Protection	IP65	
OTHERS	20	Dimension	VTA	
	21	Weight	VTA	
	22	Manufacturer	Reputed	
	23	Junction box	Explosion Proof, 4way	
	24	Anchoring Bolt	Yes	
	25	Gland	VTA	

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USER LOCATION PROJECT JOB NO.	BANGLADESH GAS FIELDS COMPANY LIMITED TITAS GAS FIELD, BANGLADESH 2x75MMSCFD TEG DEHYDRATION TYPE NATURAL GAS PROCESS PLANT 252      Location I		DOC NO. SERVICE TAG NO. QUANTITY	252-0401-EMEL-DS00-0007   REV : A Pipe Rack Lighting Mentioned Below 16 Nos.
<b>GENERAL</b>	1	Name	Pipe Rack Light	
	2	Tag No.	02-L-0107, 02-L-0111, 02-L-0112, 02-L-0110, 02-L-0111, 02-L-0112, 02-L-0113, 02-L-0114, 02-L-0115, 02-L-0116, 02-L-0117, 02-L-0118, 02-L-0119, 02-L-0120, 02-L-0121, 02-L-0144	
	3	Quantity	16 Nos.	
	4	Service	Pipe Rack Lighting	
	5	Installation Location (Zone)	Zone 2	
	6	Cable	PVC Insulation	
	7	Type of Lamp	Sodium Vapor Lamp	
<b>RATED</b>	8	Input Voltage	230 VAC	
	9	Frequency	50 Hz	
	10	Phase	Single Phase	
	11	Power	100W	
<b>STRUCTURE</b>	12	Housing	VTA	
	13	Mounting Type	Pole	
	15	Lamp Pole	<input checked="" type="checkbox"/> Single Arm <input type="checkbox"/> Double Arm	
	16	Refractor	Yes	
	17	Degree of Explotion-Proof	Exd IIB T4	
	18	Degree of Protection	IP65	
<b>OTHERS</b>	19	Dimension	VTA	
	20	Weight	VTA	
	21	Manufacturer	Reputed	
	22	Junction box	Explosion Proof, 4way	
	23	Gland	VTA	

PIPE RACK LIGHTING






INSTALL IN PIPE RACK

 BANGLADESH GAS FIELDS COMPANY LIMITED		ELECTRICAL DATASHEET	 CONSORTIUM OF SINOPEC PETROLEUM ENGINEERING CORPORATION AND ZICOM EQUIPMENT PTE. LTD.		
USER LOCATION PROJECT JOB NO.	BANGLADESH GAS FIELDS COMPANY LIMITED TITAS GAS FIELD, BANGLADESH 2x75MMSCFD TEG DEHYDRATION TYPE NATURAL GAS PROCESS PLANT 252                      Location I			DOC NO. SERVICE TAG NO. QUANTITY	252-0401-EMEL-DS00-0007   REV : A Exit Light N/A 18 Nos.
GENERAL	1	Name	Exit Light		
	2	Tag No.	N/A		
	3	Quantity	18 Nos.		
	4	Service	Exit Door		
	5	Installation Location (Zone)	Indoor		
	6	Cable	PVC Insulation		
	7	Type of Lamp	VTA		
RATED	8	Input Voltage	230 VAC		
	9	Frequency	50 Hz		
	10	Phase	Single Phase		
	11	Power	VTA		
	11	Back up Battery	Yes		
STRUCTURE	12	Housing	VTA		
	13	Mounting Type	Wall mounted		
	16	Refractor	Yes		
OTHERS	17	Dimension	VTA		
	18	Weight	VTA		
	19	Manufacturer	Reputed		
	20	Gland	VTA		






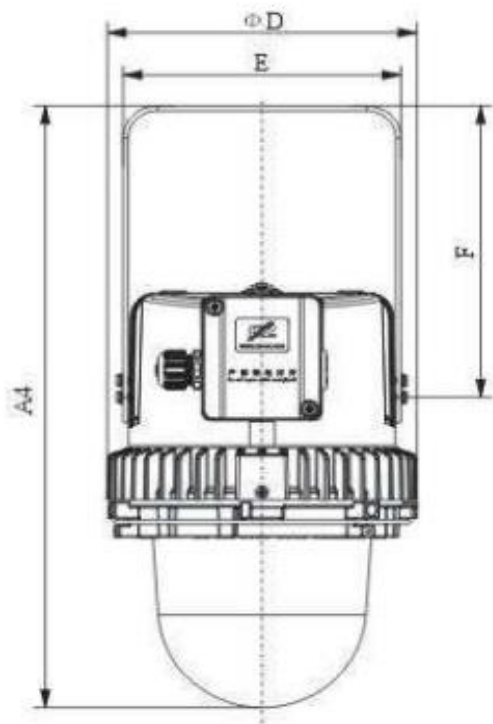
Exit Light

 <b>BANGLADESH GAS FIELDS COMPANY LIMITED</b>		<b>ELECTRICAL DATASHEET</b>	 <b>CONSORTIUM OF SINOPEC PETROLEUM ENGINEERING CORPORATION AND ZICOM EQUIPMENT PTE. LTD.</b> 	
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<b>GENERAL</b>	1	Name	Shed Light	
	2	Tag	02-L-122, 02-L-123, 02-L-124 + 7 Nos. Spare	
	3	Quantity	10 Nos.	
	4	Service	Shed Lighting	
	5	Installation Location (Zone)	Zone 2	
	6	Cable	PVC Insulation	
	7	Type of Lamp	Fluorescent Tube	
	8	No. of Lamp each shed	2 (Two)	
<b>RATED</b>	9	Input Voltage	230 VAC	
	10	Frequency	50 Hz	
	11	Phase	Single Phase	
	12	Lamp Power	2 x 18 Watt	
<b>STRUCTURE</b>	13	Housing	VTA	
	14	Mounting Type	Wall Mounted	
	15	Refractor	Yes	
	16	Degree of Explotion-Proof	Exd IIB T4	
	17	Degree of Protection	IP65	
<b>OTHERS</b>	18	Dimension	VTA	
	19	Weight	VTA	
	20	Manufacturer	Reputed	
	21	Junction box	Explosion Proof, 2way	
	22	Gland	VTA	



Shed Light

		BANGLADESH GAS FIELDS COMPANY LIMITED		ELECTRICAL DATASHEET		CONSORTIUM OF SINOPEC PETROLEUM ENGINEERING CORPORATION AND ZICOM EQUIPMENT PTE. LTD.		
USER LOCATION PROJECT JOB NO.		BANGLADESH GAS FIELDS COMPANY LIMITED TITAS GAS FIELD, BANGLADESH 2x75MMSCFD TEG DEHYDRATION TYPE NATURAL GAS PROCESS PLANT 252            Location I				DOC NO. SERVICE TAG NO. QUANTITY	240-0301-EMEL-DS00-0005   REV : A Shed Light for Loading Arm Mentioned Below 2 Nos.	
GENERAL	1	Name				Shed Light (Loading Arm)		
						02-L-0125, 02-L-0126		
	3	Quantity				2 Nos.		
	4	Service				Shed Light for Loading Arm		
	5	Installation Location (Zone)				Zone 2		
	6	Cable				PVC Insulation		
	7	Type of Lamp				Sodium Vapor Lamp		
RATED	8	Input Voltage				230 VAC		
	9	Frequency				50 Hz		
	10	Phase				Single Phase		
	11	Power				200W		
STRUCTURE	12	Housing				VTA		
	13	Mounting Type				Bracket Mounted		
	16	Refractor				Yes		
	17	Degree of Explotion-Proof				Exd IIB T4		
	18	Degree of Protection				IP65		
OTHERS	19	Dimension				VTA		
	20	Weight				VTA		
	21	Manufacturer				Reputed		
	22	Junction box				Explosion Proof, 2way		
	23	Gland				VTA		



Shed Light for Loading Arm