



PRODUCT STANDARD

HYDERABAD

Prod. Std. No. GT54027

REV. No. 16

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WALK WAY FOR GAS TURBINE

1.0. SCOPE :-

Design manufacture and supply of walk way arrangement as per drawing no. in the variant table of this specification.

2.0. TECHNICAL REQUIREMENTS :-

2.1 Design Load :- Grating should be designed for 500 kg/sq.mt.

2.2 Material :- All structurals (IS 226 & IS 2062 Grade B), hand rails, Grating to be hot dip galvanized to 80 to 100 microns. All fastners to be Galvanised

3.0 INSPECTION REQUIREMENTS :-

3.1 Vendors shall submit QA plan for BHEL's approval with in 2 Weeks of L.O.I

4.0 REVIEW DOCUMENTATION :-

4.1 Vendor shall submit GA drawing with complete bill of material and erection drawings for BHEL's review ,with in 2 weeks of L.O.I.

5.0 DOCUMENTATION WITH SUPPLY :-

Vendor shall submit 20 copies of (GA + Erection + Assly) drawings along with supply.

5.1 Packing list linking BOM & GA drawing to be submitted.

6.0 MARKING :-

6.1 Drawing postl. to be marked on each assly.

6.2 BHEL material code and valid Des.no. to be marked on each assly.

7.0 PACKING & WELDING

7.1 Packing shall be as BHEL spec GT14024.

All welding shall be as per GT54031 and GT54160(Piping).

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Revisions :

Refer to record of revisions

Prepared

(Y.Y.RAO)

Approved

(B.BABU)

Date

27.03.87





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TABLE - I

Var. No.	GT-Frame	Drg.no. with Var.No.	BHEL Mat.code	Remarks
01.	Fr-5	0-36401-51001-01	GT9754027013	Without control compartment walkway
02.	Fr-5	0-36401-51001-02	GT9754027021	Control compartment walkway included, otherwise same as per Variant No. 01.
03.	Fr-6	0-36401-61001-01	GT9754027030	Without control compartment walkway. With L.H.S exhaust duct opening.
04.	Fr-6 (Split base)	0-36401-61002-01	GT9754027048	Without control compartment walkway.
05.	Fr-3	0-36401-31001-01	GT9754027056	Without control compartment walkway. Top exhaust opening.
06.	Fr-5	---	GT9754027064	Don't use this variant
07.	Fr-3	0-36401-31001-01	GT9754027072	Without control compartment walkway. Side exhaust opening.
08.	Fr-6	0-36401-61001-01	GT9754027080	Without control compartment walkway, Same as var-03, but with R.H.S exhaust duct opening
09.	Fr-1	0-36401-11001-00	GT9754027099	GT(LHS) + CMPRSR walkway
10.	Fr-1	0-36401-11001-00	GT9754027102	GT(RHS) + CMPRSR walkway
11.	Fr-9	0-36401-91001 0-36401-91002	GT9754027110	GT(Acce+Turb)walkways.
12.	Fr-5	0-36401-51002	GT9754027129	Walkway for GT+Generator
13.	Fr-6	0-36401-61001-00	GT9754027137	Walkways for GT top exhaust
14.	Fr-5 (2-shaft) (GAIL-AURAIYA)	0-36401-51004-01	GT9754027145	GT Walk way with LHS exhaust

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TABLE - I

Var. No.	GT-Frame	Drg.no. with Var.No.	BHEL Mat.code	Remarks
15.	Fr-5 (2-shaft) (GAIL-AURAIYA)	0-36401-51004-02	GT9754027153	GT Walk way with RHS exhaust
16.	Fr-9 NTPC	0-36401-91003	GT9754027161	GT Walk way with RHS exhaust
17.	Fr-5 HPCL	0-36401-51003	GT9754027170	GT Walkway
18.	Fr6S A0-25	0-36401-61005-01	GT9754027188	GT Walkway for On/Off Base Enclosure.
19.	Fr6FA GT	0-36401-71001	GT9754027196	Walk way for GT & Load Gear and Starting means
20.	Fr6FA Acce skid	0-36401-71002	GT9754027200	Walk way for Acce module
21.	Fr3 GAIL GANDHAR	0-36401-31002	GT9754027218	Walk way GTC
22.	Fr6- S (IOCL & BPCL)	0-36401-61004	GT9754027226	Walkway for GT
23.	Fr6FA LF SKID	0-36401-71003	GT9754027234	Walkway for LF Skid.
24.	SOLAR TITAN 130S GAIL VIJAIPUR	0-36401-31003	GT9754027242	Walkway for GTC
25.	Fr6FA GT	0-36401-71004	GT9754027250	Walkway for GT & Load Gear only.
26.	Fr9FB	1-36401-89201	GT9754027269	Do not use
27.	Fr9FB	1-36401-89201	GT9754027277	WALKWAY & CAT LADDER -ACCES MODULE 9FB
28.	FR-6FA	0-36401-71005 0-36401-71006 0-36401-71007	GT9754027285	WALK WAY FOR LUBE OIL SKID WALK WAY FOR LF SKID WALK WAY FOR GT ENCLOSURE Support structure, Platforms, Railing, Staircase shall be individually wrapped with minimum 3 - Layer Wrapping as per the Point 7 of the Clause 2.0 in GT14024 Fasteners, Foundation plates & bolts etc. shall be packed in Closed Packing Case as per pont 32 of Clause 2.0 in GT14024.

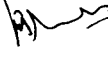
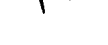
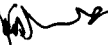
ALL THE STRUCTURAL STEEL USED SHALL BE GRADE E350 QUALITY BR/B0 CONFIRMING TO IS:2062.

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TD-106-3 Rev. Form No.		PRODUCT STANDARD HYDERABAD		Prod. Std. No. GT54027
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RECORD OF REVISIONS				
Rev.No.	Date	Revision Details	Revised	Approved
01	17.07.93	Var. No's. 08 & 09 added.	(YVR) 	(BIB) 
02	26.04.94	Var. No. 10 added.	(YVR) 	(BIB) 
03	23.05.95	1) Var.no's. 11 to 13 added. 2) Sh 1 Revised.	(YVR) 	(BIB) 
04	16.01.96	Var No's. 14 to 15 added.	(YVR) 	(BIB) 
05	31.07.97	Var No's. 16 to 17 added.	(YVR) 	(BIB) 
06	22.06.98	For Var No's. 14 & 15 Drg.No. changed from 03640151003 to 03640151004 as per IDRS. No change in Drg.details.	 (YVR)	 (BIB)
07	17.07.99	Var. No's. 18 to 20 added.	(YVR) 	(BIB) 
08	12.01.00	Var.No.21 added.	(YVR) 	(BIB) 
09	15.02.00	1) Var.No.22 added 2) Spec. retyped.	(YVR) 	(BIB) 
10	12.02.02	Var. No. 23 added.	(YVR) 	(BIB) 
11	30.09.02	Var.No.24 added	(GJC)	(GRC)
12	03.12.02	Var. No. 25 added.	(YVR) 	(BIB) 
13	11.07.03	In Var.No.18 Drg.No.changed from 03640161003 to 03640161005-01	(YVR) 	(BIB) 
14	19.12.15	Var. no. 26 & 27 added. Packing and welding details added.	Kranthi B	Suresh V
15	30.03.19	VAR 28 Added.	kranthi ch	Suresh V
16	31.03.19	VAR 28 updated	kranthi ch	Suresh V

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