



## PRODUCT STANDARD

HYDERABAD

Prod. Std. No. GT51619

REV. No. 27

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TBG ITEMS

- Description :** This specification covers the Gas Turbine Business group (TBG) items that are sourced from M/S General Electric, USA or vendors of GE, by specifying the GE drawing number.
- Scope :** As designated in table below:

Var No.	Description	GE drawing No.	Fr	Matl Code.	Wt (kg)
01	Seal, Combustion (Hula)	237B2720P002	6	GT9751619017	0.25
02	Cap-Combustion	242B9100P001	6	GT9751619025	0.30
03	Collar-Xfire Tube	178C6039P001	6	GT9751619033	0.10
04	Seal-Combustion (Hula)	237B2704P001	5	GT9751619041	0.25
05	Gasket-Fuel Nozzle	261A1600P001	9	GT9751619050	0.05
06	Washer-Fuel Nozzle	324A9151P002	5	GT9751619068	0.05
07	Washer-Fuel Nozzle	324A9151P003	6	GT9751619076	0.05
08	Nozzle Tip-outer	178C5620P002	9	GT9751619084	0.80
09	Honey Comb-Formed 0.12" Tx 1" W	50292	6	GT9751619092	0.03per'm'
10	Valve, Stop ratio of cont.	197C3425G010	6	GT9751619106	300.00
11	Seal strip-Turb. Noz. Stg-1	315A2360P001	5	GT9751619114	0.03
12	Seal strip-Turb. Noz Stg-1	315A2360P002	5	GT9751619122	0.03
13	Bearing, Thrust Loaded	227C5475P001	9	GT9751619130	125.00
14	Bearing, Thrust un- Loaded	227C5477P001	9	GT9751619149	75.00
15	Bearing #1 Liner Assy	193D2284G001	9	GT9751619157	200.00
16	Bearing #2 Liner Assy	112E1523G001	9	GT9751619165	570.00
17	Bearing # 3 Liner Assy	112E1293G001	9	GT9751619173	235.00
18	Coupling Accey. Gear	302A7696G001	9	GT9751619181	200.00
19	Seal comp. Rotor Aft	188D7114G001	9	GT9751619190	100.00
20	Diaphragm Set Stg-2	329A3239G010	6	GT9751619203	350.00
21	Diaphragm Set Stg-3	329A3240G010	6	GT9751619211	328.00
22	Gland Packing Tube	351A9620P004	9	GT9751619220	0.5

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Ref. Doc.

Name

Revisions :

Refer to record of revisions

Prepared :

R. Srinivas  
25.12.7.99

Approved :

[Signature]  
21.7.99

Date :

18.1.96





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None

Var No.	Description	GE drawing No.	Fr	Matl Code.	Wt (kg)
23	Gland Packing Tube	351A9620P005	9	GT9751619238	0.5
24	CableSeal Low Pressure	354A1400P001	9	GT9751619246	0.1
25	Spring	320B6669P003	9	GT9751619254	0.002
26	Stud, Coupling	1861427P001	9	GT9751619262	7.9
27	Nut, Self Locking	307A9247P005	9	GT9751619270	2.5
28	Plug, Rotor Stud	298A8502P001	9	GT9751619289	0.034
29	Set of cap & Liners (Dualfuel, 4Fl. Detectors)	224B9792G011	5	GT9751619297	60.0
30	Thinner. For Epoxy Paint (Carboline 890)	Carboline Thinner # 15	9	GT9751619300	4.0
31	Bolt, Shoulder	225A8257P002	6	GT9751619319	0.1
32	Fuel Nozzle, Breech Loaded	112E1616G009	6	GT9751619327	12
33	Acc Coupling Hardware kit (Bolt)	227B6112G013	6	GT9751619335 Consists of 20 nos GT51152 Var 01	5
34	Acc. Coupling Hardware (Nut)	227B6112G014	6	GT9751619343 Consists of 20 nos GT51153 Var 03	5
35	Shock Indicator, 5G	258A4714P001	6	GT9751619351	0.03
36	Shock Indicator, 10G	258A4714P002	6	GT9751619360	0.03
37	Rotor Assy, Turbine	112E6521G006	6	GT9751619378	50 00.0
38	Rotor Assy, Compressor	188D7308G034	6	GT9751619386	50 00.0
39	Rotor Hardware, Unit	213B1442G002	6	GT9751619394	100
40	Rotor Assy, Turbine	112E6521G006	5	GT9751619408	40 00.0
41	Rotor, Assy, Compressor	188D7308G034	5	GT9751619416	40 00.0
42	TIP ASSY FUEL NOZZLE GDS	207C3554G005	9	GT9751619424	3.1
43	CONE ASSY FUEL NOZZLE	199D3103G001	9	GT9751619432	0.8
44	NOZZLE SPRAY	306A4455P006	9	GT9751619440	0.1
45	PLUG, TRAILING EDGE NOZ 1	247B7247P001	6	GT9751619459	0.02
46	PLATE, SEAL : NOZ STG 2	224B9935P001	6	GT9751619467	0.30
47	COVER	279A1711P001	6	GT9751619475	0.01
48	COVER	279A1711P002	6	GT9751619483	0.01
49	COVER	279A1711P003	6	GT9751619491	0.01
50	SPACER	315A2380P001	5	GT9751619505	0.03
51	PLUG TURB NOZZ CORE - 150	948E0712	5	GT9751619513	0.40
52	COVER PLATE ASSY	188C9516	5	GT9751619521	0.018



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VAR	DESCRIPTION	VENDOR DRAWING NO	Fv.	MATL. CODE	Wt(Kg)
53	THINNER FOR CEMENTS <sup>320</sup>	NICRO BRAZE 320	6	GT9751619530	3 Kg/can
54	TRANSITION PIECE - BODY WELDED	207C3574P007	6	GT9751619548	3 Kg
55	TRANSITION PIECE - LOWER HALF	207C3574P007 (LOWER HALF)	6	GT9751619556	5 Kg
56	TRANSITION PIECE - UPPER HALF	207C3574P007 (UPPER HALF)	6	GT9751619564	4 Kg
57	TRANSITION PIECE - LOWER HALF BODY	101E2573P002	5	GT9751619572	5 Kg
58	TRANSITION PIECE - UPPER HALF - BODY	101E2573P002	5	GT9751619580	4 Kg
59	CLAMP SUPPORT T/P BULL HORN	143D7407G004	9	GT9751619599	4.5
60	BOLT HEX HD 1/2" - 13UNC X 1.25"	186C1916P013	9	GT9751619602	0.05
61	FUEL NOZZLE, BREECH LOADED	112E1616G006	6	GT9751619610	12
62	GASKET, METAL SEAL	315A4069P003	6	GT9751619629	0.01
63	SPRING ENERGISED C-SEAL	355A7386P002	6	GT9751619637	0.01
64	HONEY COMB 0.188" THK. X 1.14" WIDE	HAYNES 214, 1/8" CELLA/F 0.005" THICK WALL PROCESS: P29A-AG344	9	GT9751619645	0.1
65	HONEY COMB 0.188" THK. X 1.196" WIDE	"	9	GT9751619653	0.11
66	HONEY COMB 0.188" THK. X 1.199" WIDE	"	9	GT9751619661	0.12
67	T PEND SEAL	197C3119G002	9	GT9751619670	0.4
68	BRG. 1 SEAL	178C6808G001	9E	GT9751619688	5.6
69	MNGC FUEL NOZZLE SET LIQ. FUEL	-	6FA	GT9751619696	60.0
70	GASKET, BLIND FLANGE	302A4594P130	6	GT9751619700	0.1
71	GASKET, CVR SIGHT PORT	258B8784P002	6	GT9751619718	0.24
72	TIP ASSEMBLY	332B1178P001	6	GT9751619726	0.5
73	GASKET FLAME DETECTOR			GT9751619734	0.2
74	CASE ARGT COMB - OUTER	PGMA: 35116 MLI: 0719 177D9593G001	9E	GT9751619742	9000.00
75	PIPING ARGT FUEL GAS	PGMA: 35509 MLI: 0911 91032233G001 91125976G001	9E	GT9751619750	500.00
76	PIPING ARGT FUEL NOZZLE PURGE	PGMA: 35508 MLI: 0918 91032233G001	9E	GT9751619769	150.00
77	PIPING ARGT FUEL OIL	PGMA: 35508 MLI: 0910 91206737G001	9E	GT9751619777	125.00
78	CHAMBER ARGT COMB	PGMA: 35108 MLI: 0701 103E3734G001	9E	GT9751619785	700.00
79	GASKET MSW NONSTD	318A9713P024	9E	GT9751619793	0.55



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VAR	DESCRIPTION	VENDOR DRAWING NO.	Fv.	MATL. CODE	WT(Kg)
80	GASKET MSW <sup>nonstd</sup>	318 9713 P036	9E	GT9751619807	0.50
81	GASKET MSW NONSTD	314 A 5326 P001	9E	GT9751619815	0.40
82	SHROUD SET, TURB-1st	368A1002 G002	6581B	GT9751619823	420.0
83	BRUSH SEAL ASSY	91207000 G001	6581B	GT9751619831	10.0
84	FUEL NOZZLE BREACH LOADED	112E1616 G003	Fr6	GT9751619840	10.0
85	CONE ASSY FUEL NOZZLE	227C9685 G001	Fr6	GT9751619858	0.6
86	NOZ. CASTING Turb Stg-1 Segment	91-112E1568	6581B	GT9751619866	20.0
87	NOZ. Casting Turb Stg-3 Segment	91-103E5555	6581B	GT9751619874	40.0
88	BUCKET CASTING # 2	91-115E6647	6581B	GT9751619882	2.8
89	BUCKET CASTING # 3	91-109E5580	6581B	GT9751619890	3.2
90	ASSY.-PLATE SEALING	230C2770 G001	Fr6 DLN	GT9751619904	0.5
91	C-SEAL	355A7386 P002	FR-6	GT9751619912	0.04
92	NOZZLE SEGMENT CASTING STG-2 TURBINE	91-116E1237 P001	6581B	GT9751619920	35.00
27 93	BUCKET KIT, TURBINE ROTOR STG #1	101T1326 G001	6581B	GT9751619939	216
94	BUCKET KIT, TURBINE ROTOR STG #2	—	6581B	GT9751619947	261
95	BUCKET KIT, TURBINE ROTOR STG #3	—	6581B	GT9751619955	327
96	NOZZLE CASTING TURBINE STG1 - CLG HOLE DRILL - 6581	112E1568 P001	6581B	GT9751619963	20
97	NOZZLE CASTING TURBINE STG2 - CLG HOLE DRILL - 6581B	116E1237 P001	6581B	GT9751619971	40
98	HONEY COMB FORMED 0.12" THK & 1" W			GT9751619980	0.03
99	HONEY COMB FORMED 0.146" THK & 1" W			GT9751619980	0.04



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3. **Quality Requirements :** The individual component quality requirements are specified in the GE specification and/or GE drawing. Any other requirement would be specified on the purchase order. This specification is valid only for procurement from GE/sub-vendors of GE who are proven and whose supplies are time-tested. For procurement of these items from any other source, such as an indigenous source, which amounts to development, detailed engineering specifications would be made for the purpose.
4. **Packing & shipping :** The packing and shipping would have to be accomplished in a manner consistent with the practices for international shipments.





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## RECORD OF REVISIONS

Rev. No.	Date	Revision Details	Revised	Approved
00	18.1.96	First made	-	-
01	4.11.96	Var 10, 11, 12 added	GSSR	KRMR
02	16.1.97	Var 13-21 added	GSSR	KRMR
03	02.05.97	Var 22-25 added	GSSR	KRMR
04	04.06.97	Var 26-28 added	SRM	SSR
05	15.10.97	Var 29 added	ARK	KRMR
06	5.12.97	Var 30 added	SRM	KRMR
07	21.1.98	Var 31 added	GSSR	SSR
08	3.9.98	Var 32 to 34 added	NVS	PSC
09	13.10.98	Var 35-36 added	NVS	PSC
10	9.11.98	Var 37-41 added	NVS	PSC
11	12.07.99	original retyped	R. Srinivas	Phan
12	06.09.99	Var-42 to 53 added;	S. Srinivas CS. SRIRAM	Phan (SSR)
13	06.12.99	Var 54, 55, 56 added	R. Srinivas	Phan (SSR)
14	11.12.99	Var 57, 58 added	R. Srinivas	Phan (SSR)
15	03.05.2000	Var 59 to 60 added.	S. Srinivas CS. SRIRAM	Phan (KRMR)
16	18.05.2K	Var 61 added.	R. Srinivas 18.5.2K	K. Madan (KMM)
17	06.07.2K	Var 62, 63 added.	R. Srinivas 06.07.2K	K. Madan (KMM)
18	27.07.2K	Var 64 to VAR 68 added.	R. Srinivas (P. RAMPRASAD)	S. Srinivas (SRM)
19	11/01/01	VAR 69 to 72 added	NVS	KMM
20	24/02/2001	VAR-74 to 78 added.	S. Srinivas CS. SRIRAM	Phan (SSR)
21	11/10/01	Var 79 to 83 added	Phan (P. RP)	S. Srinivas CS. SRIRAM
22	14/05/02	VAR 84 and 85 added	Phan NVS	Phan (KRMR)
23	1/8/02	VAR 86 to 89 Added.	Phan	Phan (SSR)

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