



20		M30 BOLT	40
19		M30 WASHER	80
18		M30 NUT	40
17		20INCH SPIRALWOUND GASKET	2
16	IGE-2304	EXHAUST SECTION	1
15	IGE-2303	COMBUSTOR SECTION	1
14		1-4TH SWGLK NPT COUPLING	6
13		1-2 NPT COPLING SWGLK	3
12	IGE-2307	ADAPTOR PLATE	1
11		M5 ALLEN SCREW	130
10		M5 WASHER	130
9		M8 ALLEN SCREW	166
8		M8 WASHER	166
7	IGE-2305	TOP FLANGE	5
6	IGE-2306	BOTTOM FLANGE	5
5	IGE-2302	INLET SECTION	1
4		20INCH FLANGE C150 DUMMY WITH CUT	4
3		HOOK	4
2		4INCH WELD NECK FLANGE C300S40	2
1		HOOK -12MM	2
PC NO	PART NUMBER	PART NAME	QTY

Note :

- a) Dimensions and Tolerances as per ASME Y14.5-2009.
- b) Remove all burrs and sharp edges.
- c) Bolt nut and fasteners material - SS304.
- d) Flange gaskets - spiral wounded graphite gasket as per standard
- e) Bolt and screw lengths as per assembly with gaskets (~4mm).
- f) Rig operating pressure 10bar and maximum Temperature 700°C
- g) Rig must be hydrotested at 1.3 times of working pressure with dummy plates and gaskets.
- h) NDT with X-Ray or Radiography covering atleast 30% of the weld joints

		PART NAME :		PART NUMBER :	
		ASSEMBLY VIEW		IGE-2301	
DRAWN BY	KRISHNA	SCALE	1:10	SIZE	A2
CHECKED BY		MATERIAL	SS 316L	SHEET	1/7
APPROVED BY		GENERAL TOLERANCE : ± 0.2 MM			
DATE	26-OCT-2020	ALL DIMENSIONS ARE IN MM		Wt : ~700 kg	
		ALL INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY OF IITM AND MAY NOT BE REPRODUCED IN WHOLE OR PART WITHOUT PERMISSION OF IITM.			