



Specification No : APSQ – 016

Rev. No : 06

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01.	Item	FILTER REGULATOR LUBRICATOR (in 3 Parts)
02.	Material Code	96 164 063 0000
03.	Application	Used in Air motor air line of Regenerative Air Preheaters.
04.	Scope	1. Filter, 2. Regulator with pressure gauge, 3. Lubricator
05.	Working Pressure	6.3 Kg / cm ² (g)
06.	Outlet Pressure range	0.5 to 7 Kg / cm ² (g)
07.	Pneumatic Test Pressure	10.5 Kg / cm ² (g)
08.	Port size	Filter Regulator & Lubricator shall be threaded to Rc1 (BSP 1" int. tapered) as per IS 554 .
09.	Micron rating	50 microns (minimum)
10.	Allowable pressure Drop & Air Flow	0.5 Kg/ cm ² max at 230 SCFM air flow.
11.	Materials	
	a) Body	Die-cast Aluminium as per IS 617 / Stainless Steel
	b) Bowl	Transparent Polycarbonate Plastic
	c) Element	Sintered Bronze
12.	GENERAL	
	a)	Only latest revision shall be referred for all the Standards specified.
	b)	It must be possible to separate Filter, regulator and lubricator from the assembly for mounting in the air line.
	c)	The filter assembly shall be packed properly to avoid damage during transit. All openings to be plugged with dummy plastic caps before despatch.
	d)	The vendor shall furnish the dimensional drawings / catalogues indicating materials of construction & weight along with the offer for information.
13.	INSPECTION	
	a)	Inspection by BHEL.
	b)	Necessary Material & Test Certificates including Pneumatic Test Certificates shall be submitted.

06	10.08.13	(Sd) GA	(Sd)KP	(Sd) PPS	Pressure drop in Clause 10 added.
05	16.12.10	(Sd) SCH	(Sd) KP	(Sd) PPS	Scope clause added. Clause Nos 8 & 10a modified.
04	01.10.05	(Sd) GA	(Sd) PPS	(Sd) GRV	Hydraulic test changed as Pneumatic test. Filtration efficiency test deleted.
03	20.04.02	(Sd) RR	(Sd) PPS	(Sd) GRV	Page modified.
02	02.11.95	(Sd) VK	(Sd) PPS	(Sd) GRV	Clause 14c modified.
01	06.05.93	(Sd) VAS	(Sd) PPS	(Sd) RSM	Clause 11 & 14 modified.
00	02.04.93	(Sd) VAS	(Sd) PPS	(Sd) RSM	FRESH ISSUE
Rev.No	Date	Prepared	Checked	Approved	Record of Revisions.