

**NTPC LTD  
CC-OS  
EOC NOIDA**

**Sub: Standardisation Criteria for Source Standardisation for Supply of " FAIL SAFE ELECTROPNEUMATIC CONVERTER"**

A)	<b>MEG DETAILS</b>		
	1.0	<b>SSG NO</b>	<b>94SSG-94A</b>
	2.0	<b>SSG DESCRIPTION</b>	<b>FAIL SAFE ELECTROPNEUMATIC CONVERTER</b>
	3.0	<b>RESPONSILITY CENTRE</b>	<b>CC / OS</b>
B)	<p><b>Standardisation Criteria:</b></p> <p>The applicant should be a manufacturer of the item(s), meeting the reference technical specification provided in the Portal.</p> <p>The applicant has supplied to at least two different clients during last 5 years reckoned as on date of submission of application along with proof of execution of the orders. Certificates from clients in NTPC specified form for completion of satisfactory operation corresponding to the submitted orders copies, for proposed item for one year at any Power Generation Plant / Petroleum Refinery, Steel Plant &amp; Fertiliser plant.</p>		
C)	<p>Other Documents to be submitted:</p> <p>The following documents are required to be submitted by the applicants applying for enlistment: -</p> <ol style="list-style-type: none"> <li>1. At least two executed Purchase Orders of similar items during previous five years from the date of application received from Power Generation Plant / Petroleum Refinery, Steel Plant &amp; Fertiliser plant. Performance certificate from the concerned buyer/s in support of successful execution of supply against the POs is to be submitted.</li> <li>2. Audited balance sheet including Profit &amp; Loss statement for the previous three completed financial years reckoned from the date of application. In case the audited documents are not ready / available, then certified copy by a registered practicing Chartered accountant may be submitted.</li> <li>3. NSIC / SSI / MSME registration certificate / BIS license / ISO certificate / Certificate of registration from the concerned excise department / any other statutory document as a proof of being manufacturer of the required material.</li> <li>4. Any other documents in addition to the above which the applicant wants to submit.</li> </ol>		
D)	<p><b>Technical Specification:</b></p> <p>As per Annexure</p>		

## STANDARD SPECIFICATION OF FAIL SAFE TYPE E/P CONVERTERS

1.	Air supply Pressure	:	2 kg/sq. cm.
2.	Input signal	:	4-20mA DC
3.	Output signal	:	0.2 to 1.0 kg/sq. cm
4.	Linearity	:	0.5% of span or better.
5.	Span/Zero Adjustment	:	To be provided
6.	Hysteresis	:	0.5% of span or better.
7.	Fail Safe Feature	:	Output shall drive to minimum/maximum on failure of either 4 – 20mA signal or air supply
8.	Mounting	:	Surface/Pipe/Bracket Mounting. (Exact type is to be specified by site)
9.	Protection class	:	IP 65.
10.	Connection Port Sizes	:	¼ inch NPT (F)
11.	Electrical Cable Entry	:	½ inch NPT
12.	Output Pressure Gauge	:	1/4 inch NPT connection, 2 inch dial
13.	Accessories	:	All accessories like mounting brackets, fittings etc. required for installation is to be supplied.

### Note:

1. In case of requirement for higher output pressure range, the specific range is to be indicated by site.
2. Air supply pressure to be specified accordingly corresponding to higher output ranges.

**Letter Head of the End User with Full Address**

**Performance Certificate**

Ref. No.

Date:

**To whom it may concerned**

Name of the Item:

Make:

Model:

Order No. & Date:

Date of Delivery:

Date of Installation / Date of start of use:

Exact Application / Service:

Duration of Instrument is in Service from ..... to .....

Name of the Power Plant/ Process Industry, Location & Address:

This is to certify that the ..... (Name of the item), supplied by  
M/S..... is in service for application as detailed above for the last .....years  
and its performance is satisfactory without any major problem.

Signature:

Office Seal:

Name:

Designation:

Official Phone:

Mobile:

Email Address: