

ST 47027

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Own Experience

TECHNICAL SPECIFICATION OF PRESSURE LIMIT VALVE

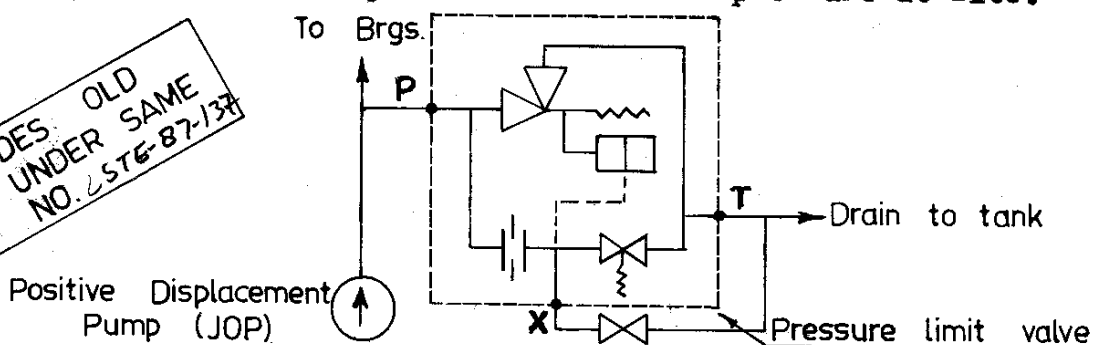
1.0 SCOPE: This Specification covers design manufacturing assembly, testing and supply of pressure limit valve alongwith adapting flanges as per details given below:

[illegible]

2-0

FUNCTION : The valve is employed to maintain a constant pressure in Jacking oil line to bearings. The valve should be a pilot operated relief valve. The function is explained hereunder with the help of a diagram.

The valve shall have three connection one for pressure oil inlet (P), one for draining excess oil to main oil tank and one for quick pressure dropping (x). It should be possible to set the pressure at site.



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 SUPERSEDES OLD
 SHEET UNDER SAME
 PAGE NO. 6576-87/37

AGREED:				NAME	SIGN. & DATE
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	TSX	B.M. BANSAI	<i>Sailand</i> 24/3/84	WORKED	R. PANJA <i>R. Panja</i> 13-12-83
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Revision : 03

Distribution	Qty.
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Approved :

ST

ENGG. DEV. MANAGER

Name	SIGN	Date
S.R.Gupta		12.2.08

Reaffirmed
Feb. 2008

Prepared
STE

Issued
STE (τ_L)
HARDWARE

Date
26.3.84

SIGN & DATE		PRODUCT STANDARD		ST 47027	
SUPERSEDES INVENTORY No.		STEAM TURBINE ENGINEERING		PAGE 2 OF 2	
COPYRIGHT AND CONFIDENTIAL The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED. It must not be used directly or indirectly in any way detrimental to the interest of the company.		3.0 <u>RATING</u> :- Rating of the valve to be decided by supplier as per working parameters, mentioned in clause 1.0 + clause 2.0 of Specification ST 47025. 4.0 <u>MATERIAL</u> :- Material to be selected by supplier and to be informed to purchaser for their comments, if any. Also refer clause 4.0 of ST 47025. 5.0 <u>END CONNECTION: P & T</u> ^{shall be of} Weld neck type suitable to weld with pipe $\varnothing$ 33.7 x 4.0. and Connection x $R \frac{1}{4}$". 6.0 For completion of this specification, read this specification alongwith general purchase specification of valves ST 47025. 7.0 In continuation to clause 15.0 of Specification ST 47025, the minimum test requirements envisaged by the following:- 7.1 <u>Test of components</u> The material of components of valve such as body bonnet stem and fastners shall be tested as per relevant specification for the chemical composition and mechanical properties. For remaining components compliance certificates shall be furnished. 7.2 RT/UT on all pressure retaining parts. DPT on Steam, seat and weld ends. 7.3 Colour matching of valve seat and plug in case of metal to metal contact. 7.4 Functional test including 3 poppings at set pressure.			
		Revision: 03			
INVENTORY No.		SIGN & DATE		WORKED BY	
P-5520		15/5/84		A. K. JAIN	
				Checked by	
				K. C. SACHAN	
				24.3.84	