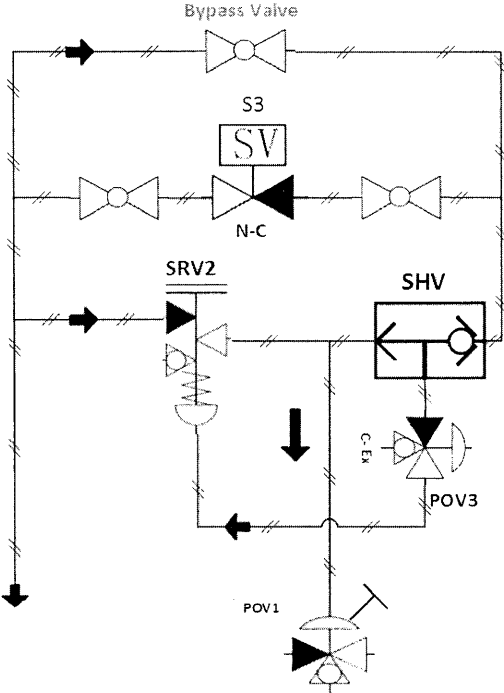


PROC-FB/CB/PROD-4884/2020

Wellhead Control Panels

TECHNICAL CLARIFICATION # 03

S #	Query	OGDCL Reply
1	<p><i>Since downstream air pressure of S3 solenoid valve will be released through SRV2, therefore shuttle valve will be required in between S3, POV3 &amp; SRV2/POV1 to meet the functional requirement of opening of SSV remotely through S3.</i></p>  <p>The diagram is a pneumatic schematic. At the top, a line with an arrow pointing right goes through a 'Bypass Valve'. Below this, a line goes through a solenoid valve labeled 'S3'. In parallel to the S3 valve is a shuttle valve labeled 'SV'. Below the S3 valve is a normally closed valve labeled 'N-C'. Further down, a line goes through a solenoid valve labeled 'SRV2'. In parallel to the SRV2 valve is a shuttle valve labeled 'SHV'. Below the SRV2 valve is a check valve labeled 'C.E.V.'. Below the C.E.V. are two pressure-overriding valves, 'POV3' and 'POV1'. Arrows indicate flow direction: from the bypass valve, down through S3 and N-C, then down through SRV2 and SHV, then down through C.E.V., and finally down through POV3 and POV1. There are also arrows pointing right from the bypass valve and down from the C.E.V. area.</p>	<p>Since all functional performance warranties &amp; guarantees rests with the vendor, therefore it is essential to meet the material functionality as per tender specs.</p> <p>So for better material functionality, inclusion of shuttle valve is acceptable.</p>
2	<p><i>Quantity of needle valve in pneumatic section was mentioned as 07 in BOM vide clause 11.1.23 while its quantity was 08 in the diagram.</i></p>	<p>Quantity of needle valve mentioned in the BOM vide clause 11.1.23 “Needle valve on pneumatic loops (N1), NACE, 500 psi” has been amended &amp; read as <b>Qty: 08</b></p>