

UNIMECH (SHANGHAI) CO., LTD

MILL CERTIFICATE

To: UNIMECH ENGINEERING (M) SDN. BHD.

Design & Manufacturing DIN EN1307-2003

Item#	Qty (Pc)	Size (mm)	Description	Material			Hydrostatic Test		Air Test	Result																																				
				Body/Bonnet	Trim		Body Mpa	Backseat/Seat Mpa			Seat Mpa																																			
				Disc	Stem	Seat																																								
1	100	DN65	ANGLE GLOBE VALVE FLANGE END PN16	GS-C25	2Cr13	304	2.4	1.76	0.6																																					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">CHEMICAL MATERIAL CHARACTERISTICS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NAME OF PARTS</th> <th>HEAT NO.</th> <th>C%</th> <th>Si%</th> <th>Mn%</th> <th>P%</th> <th>S%</th> <th>Cr%</th> <th>Mo%</th> <th>Ni%</th> <th>Cu%</th> <th>V%</th> <th>Tensile Strength Mpa</th> <th>EL% Mpa</th> <th>Yield Point Mpa</th> <th>R-A%</th> <th>HARDNESS (HB)</th> <th>LOW-T Impact-test akv(J)</th> </tr> </thead> <tbody> <tr> <td>BODY</td> <td></td> <td>0.226</td> <td>0.431</td> <td>0.645</td> <td>0.021</td> <td>0.021</td> <td>0.069</td> <td>0.080</td> <td>0.066</td> <td>0.081</td> <td>0.010</td> <td>512</td> <td>28</td> <td>267</td> <td>39</td> <td>170</td> <td>/</td> </tr> </tbody> </table> </div> <div style="width: 45%;"> <p style="text-align: center;">MECHANICAL PROPERTIES</p> </div> </div>											NAME OF PARTS	HEAT NO.	C%	Si%	Mn%	P%	S%	Cr%	Mo%	Ni%	Cu%	V%	Tensile Strength Mpa	EL% Mpa	Yield Point Mpa	R-A%	HARDNESS (HB)	LOW-T Impact-test akv(J)	BODY		0.226	0.431	0.645	0.021	0.021	0.069	0.080	0.066	0.081	0.010	512	28	267	39	170	/
NAME OF PARTS	HEAT NO.	C%	Si%	Mn%	P%	S%	Cr%	Mo%	Ni%	Cu%	V%	Tensile Strength Mpa	EL% Mpa	Yield Point Mpa	R-A%	HARDNESS (HB)	LOW-T Impact-test akv(J)																													
BODY		0.226	0.431	0.645	0.021	0.021	0.069	0.080	0.066	0.081	0.010	512	28	267	39	170	/																													
<p><i>we hereby certify that herebelow materials are made in strict accordance with specification and order and that the result of chemical analysis is a true and correct copy of the mill certificate issued by the manufacturer of the raw materials</i></p>																																														

