



Date: 03/10/09 Rev.: 01		Material Specification for Tundish Magnesia Board		 IRAN ALLOY STEEL CO.															
ID code: 7004050008		Area: Tundish		Storage site: PU 46															
General properties																			
Basic Components: Magnesia - Forsterite			Bonding System: Chemical-Ceramic Bond																
Classification: Board																			
<u>Chemical composition (wt. %):</u> <table border="0"> <tr><td>MgO</td><td>Min 75.0</td></tr> <tr><td>CaO</td><td>1.0-3.0</td></tr> <tr><td>SiO₂</td><td>Max 21.0</td></tr> <tr><td>Al₂O₃</td><td><1.0</td></tr> <tr><td>Fe₂O₃</td><td>2.0-3.0</td></tr> <tr><td>K₂O (Na₂O)</td><td><1.5</td></tr> <tr><td>L.O.I</td><td><2.0</td></tr> </table>			MgO	Min 75.0	CaO	1.0-3.0	SiO ₂	Max 21.0	Al ₂ O ₃	<1.0	Fe ₂ O ₃	2.0-3.0	K ₂ O (Na ₂ O)	<1.5	L.O.I	<2.0	<u>Fig.</u> 		
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			<u>Map No.:</u> SD1104R2203001																
<u>Sieve analysis /Dimension:</u> Max 1 mm																			
<u>Physical properties:</u> <table border="0"> <tr> <td>Bulk Density</td> <td>2.75-2.85</td> <td>g/cm³</td> </tr> </table>						Bulk Density	2.75-2.85	g/cm ³											
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<u>Remark:</u> Keep in dry place																			
<u>Packing:</u> On The Wooden Pallet																			
<u>Shelf life:</u> <input checked="" type="checkbox"/> 1 Year NA <input type="checkbox"/>																			
<u>Life time:</u> It is necessary for this part to perform properly in continuous casting for at least 10 hours																			
<u>Quality Check:</u> Certificate from supplier and laboratory test																			
Edited: Ehsan Zarezadeh		Checked: Mehdi Eslampour		Approved: Vahid Saffarzadeh															