Date:04/11/30 Rev.: 00	**Material Specification for Castable AL65**	IRAN ALLOY STEEL CO.

ID code : 7007010015 **Area : Ladle** **Storage site :**

General properties

Basic Components: Bauxite , Chamotte and Refractory cement **Bonding System:**Hydraulic and Ceramic

Classification: Conventional Alumin Castable

Chemical composition (wt. %) :

Fe_2O_3	2-3
CaO	Max 6
SiO_2	15-24
Al_2O_3	Min 65
TiO_2	1-2

Fig.

Map no.:

Sieve analysis /Dimension:0-6mm

Physical properties :

Bulk Density 2.4-2.8 g/cm^3

Mechanical/Thermal properties:

Permanent Linear Change %

Cold Crushing Strenght at 110° C 300-500 kg/cm^2

Cold Crushing Strenght at 1250° C 400-600 kg/cm^2

Amount of Liquid addition:
Certificate from Supplier

Max Service Point 1550 ° C

Remark:

Packing: 25kg In Humidity proof Valve bags / In Wooden Pallets

Shelf life: ☑ … Year NA☐

Life time: Storage Limit : 12 Months

Quality Check:

Certificate from supplier and laoratory test

Edited: Ehsan Zarezadeh	Checked: Eslampour Mahdi	**Approved:** Saffarzadeh Vahid