

**CALCITE STONE**

Date of issue: 01 Sept 1995

Modification: 01

Date of validity: 01 Nov 2001

**1. PURPOSE OF USE**

It is used in cupola furnaces for achieving lower melting point and higher flow of slag.

**2. GENERAL QUALITY REQUIREMENTS**

Conformity with the manufacturer's catalogue.

**3. PROPERTIES OF MATERIAL**

Calcite stone must be screened (size of walnut), as pure and solid as possible, and with the  $\text{CaCO}_3$  content of min. 95%, and  $\text{SiO}_2$  content of max. 2 %.

**4. PACKAGING, PACKING AND TRANSPORT**

Calcite stone should be transported in bulk, in railway wagons or truck.

**5. WARRANTY OF QUALITY**

For each shipment, the quality assurance certificate is required regarding the:

- Granulation
- $\text{CaCO}_3$  content
- $\text{SiO}_2$  content

**6. MANNER OF ACCEPTANCE**

Calcite stone will be accepted by the acceptance control of LIVAR.

**7. CONTROL PROCEDURE**

Control procedure will be sampled, i.e. visual inspection regarding the granulation. In case of any dispute, chemical analysis is conducted by external institutions.

**8. MANNER OF MEASUREMENT****QUALITY CHARACTERISTICS, VALUE, MANNER OF MEASUREMENT**

NAME: CALCITE STONE

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
$\text{CaCO}_3$ content	min. 95.0 %	Certificate
$\text{SiO}_2$ content	max. 2.00 %	Certificate
Granulation	Size of walnut	Certificate