

CORPORATE PURCHASING SPECIFICATION

AA	536	10	

Rev. No. 01

PREFACE SHEET

FLUOR SPAR FOR USE IN FOUNDRIES

FOR INTERNAL USE ONLY REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS

Comparable Standards:

1. INDIAN : IS: 4574-1989, Gr.: 2

Suggested / Probable Suppliers and Grades:

1. China

Refer plant vendor directory

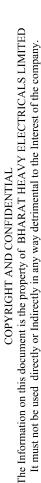
User Plant References:

1. HYDERABAD :

2. CFFP, HARDWAR :

Revisions: Cl: 18.6.43 of MOM of MRC (FN).		APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE-MRC (FN)			
Rev. No. 01	Amd.No.	Reaffirmed	Prepared	Issued	Dt. of 1st Issue
Dt:15.01.2004	Dt:	Year :	BHOPAL	Corp. R&D	JULY, 1985

COPYRIGHT AND CONFIDENTIAL
The Information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED
It must not be used directly or Indirectly in any way detrimental to the Interest of the company.





CORPORATE PURCHASING SPECIFICATION

AA 536 10
Rev. No. 01
PAGE 1 OF 2

FLUOR SPAR FOR USE IN FOUNDRIES

1.0 GENERAL:

This specification governs the quality requirements of Fluor Spar used in foundries.

2.0 APPLICATION:

Used for making reducing slag mixture for deoxidation after killing of steel melts.

3.0 COMPLIANCE WITH NATIONAL STANDARDS:

The material shall comply, in general, with the following national standards and also meet the requirements of this specification:

IS: 4574 –1989, Gr.:2: Fluor spar for use in Metallurgical Industries.

4.0 CONDITION OF DELIVERY:

As pellet/gravels or as specified on BHEL order.

5.0 SIZE: The size shall be between 6 and 25mm.

6.0 **SAMPLING:**

A composite sample shall be prepared from each consignment of 10 tonnes or part thereof..

7.0 CHEMICAL COMPOSITION:

The sand, when analysed shall comply with the following:

 Calcium fluoride Ca F2
 : 85 %, min.

 Silica SiO2
 : 6 %, max.

 Effective CaF2
 : 72 %, min

 CaCO3
 : 3 %, max

 Mixed Oxides (R2O3)
 : 3.5 %, max

 Sulphur
 : 0.3 %, max

 Phosphorus
 : 0.3 %, max

8.0 ACCEPTANCE TEST:

Each consignment shall be accepted on the basis of tests carried out as per clause 4.0, 5.0 and 7.0. Analysis of Ca CO₃ mixed oxides S & P is not mandatory and shall be carried out as and when required.

Revisions: Cl: 18.6.43 MOM of MRC (FN).		APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE-MRC (FN)			
Rev. No. 01	Amd.No.	Reaffirmed	Prepared	Issued	Dt. of 1st Issue
Dt: 15.01.2004	Dt:	Year:	BHOPAL	Corp. R&D	JULY, 1985

AA 5	36 1	0
Rev.	No.	01

CORPORATE PURCHASING SPECIFICATION



PAGE 2 OF 2

9.0 INSPECTION AT SUPPLIER'S WORKS:

BHEL reserves the right to inspect the material at site before despatch. The supplier shall intimate in advance enclosing a copy of test certificate of the material offered for inspection.

If the material received is not found suitable to out requirements, it shall be replaced free of charge by the supplier. Final tests shall be carried out at BHEL and material will be accepted or rejected based on this result. For any deviation demanded by the supplier from the specification, prior approval of BHEL must be obtained in writing.

10.0 TEST CERTIFICATES:

Unless otherwise specified, three copies of test certificates shall be supplied along with each consignment.

In addition the supplier shall ensure to send one copy of test certificates along with the despatch documents to facilitate quick chance of the material.

The certificates shall bear the followings information

AA 53610, Rev.No.01: Fluor spar for use in foundry

BHEL Order No.

Manufacturer's/Supplier's Name.

Trade mark, if any

Grade and size of material

Test results of clauses 4.0, 5.0 and 7.0.

11.0 PACKING AND MARKING:

The material shall be supplied in gunny bags of 50 kg each.

Each bag shall be legibly marked with the following information:

AA 53610, Rev.No.01: Fluor spar for use in foundry

BHEL Order No.

Manufacturer's/Supplier's Name.

Trade mark, if any

Material grade and size

Net weight and Gross weight.

12.0 REFERRED STANDARDS (Latest Publications Including Amendments):

1) IS: 4574