



## NOTICE FOR BAUXITE CUSTOMERS OF GMDC

### Introduction of New Grades of Bauxite available at GMDC mines

GMDC's has decided to introduce revamped gradation of Bauxite considering market demand for various grades of Bauxite. Presently, GMDC is selling bauxite in 03 categories i.e PG Bauxite, NPG Bauxite and Bauxite Dust. Out of these 03 grades GMDC has redesigned the bauxite gradation structures based on quality related demand from various customers and availability of the relevant grades at GMDC Mines.

GMDC has historically classified its Bauxite as PG and NPG basis Aluminum Oxide ( $Al_2O_3$ ) content. Bauxite containing more than or equal to 52% Aluminum Oxide ( $Al_2O_3$ ) was classified as Plant Grade (PG), or the one that could be used in a calcination plant for making calcined Bauxite. Rest of the bauxite, i.e., less than 52% Aluminum Oxide ( $Al_2O_3$ ) was classified as Non-Plant Grade (NPG).

However, in present scenario, market requirement of Bauxite spans across multiple end-uses, metallurgical, refractory, abrasive, cupola, chemical, cement etc. to name a few. While the Aluminum Oxide ( $Al_2O_3$ ) content is a great determinant of the utility of Bauxite for these end uses, trace elements like Iron Oxide ( $Fe_2O_3$ ) and Silicon Dioxide ( $SiO_2$ ) also play a major role. These elements therefore become important in addition to Aluminum Oxide ( $Al_2O_3$ ) in applicability to specific end-uses as well as pricing.

Taking this into consideration, it was decided to introduce/rebrand the bauxite grades of GMDC as per a new quality based criteria which considers major trace elements into consideration first at the classification stage and then during pricing.

The below mentioned table details the new grades.

<b>New Grade</b>	<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	<b>Fe<sub>2</sub>O<sub>3</sub> (%)</b>	<b>SiO<sub>2</sub>(%)</b>	<b>Price(Rs/MT)</b>
High Grade - Premium	≥52	≤5	-	2091
High Grade - Basic	48-52	≤8	-	1200
Medium Grade- Premium	44-52	≥8	≤6	Shall be informed separately on availability
Medium Grade - Basic	44-52	≥8	≥6	Shall be informed separately on availability
Low Grade-Premium	<44	<30	-	Shall be informed separately on availability
Low Grade - Basic (High Ferric)	<44	≥30	-	580
Dust - High Grade	≥50	≤8		840
Dust - Low Grade	<50			375

The above mentioned gradation of rebranded bauxite grades of GMDC shall be effective from 01.01.2023. However, the sale price for M/s GCMIL will be governed by the provisions of Bauxite Supply Agreement executed between GMDC and GCMIL.

**Marketing & Sales Department, GMDC Ltd**