

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Health and Safety Management System of:

Companhia Brasileira de Metalurgia e Mineração - CBMM

Córrego da Mata, s/n - Caixa Postal 8

Araxá, MG 38180-000

Brasil

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

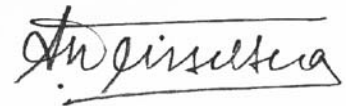
OHSAS 18001:2007

The Health and Safety Management System is applicable to:

DESIGN AND MANUFACTURE OF FERRONIBIUM, NIOBIUM OXIDE, NICKEL-NIOBIUM, NIOBIUM METAL AND NIOBIUM-ZIRCONIUM

This certificate may be found on the ABS QE Website (www.abs-qe.com). For certificates issued in the People's Republic of China information may also be verified on the CNCA website (www.CNCA.gov.cn).

Certificate No:	70082
Last Expiry Date:	28 November 2017
Original Approval Date:	20 December 2002
Effective Date:	03 January 2018
Expiration Date:	28 November 2020
Issue Date:	07 August 2018



Alex Weisselberg, President



Validity of this certificate is based on the successful completion of the periodic surveillance audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.

Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.