Certificate of Registration

This is to certify that the Energy Management System of

Boliden Commercial AB and Boliden Mineral AB

Main site: Rönnskär, 932 81 Skelleftehamn, Sweden

has been assessed and registered by Intertek as conforming to the requirements of

ISO 50001:2011

The energy management system is applicable to

Production of metals and chemicals from mineral concentrates and recycled materials.

Certificate Number:	0061165-01
Initial Certification Date:	19 September 2014
Certificate Issue Date:	29 September 2017
Certificate Expiry Date:	16 November 2020

Thomas Andersson, CEO
Intertek Certification AB
P.O. Box 1103, SE-164 22 Kista, Sweden

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ISO/IEC 17021

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone.

The certificate remains the property of Intertek, to whom it must be returned upon request.

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