



Translation of the German Management Document “Anwendungsbereich der Managementsysteme bei HA“ (10006 MI, 9 Mar 2020)

## Scope of application of HA’s management systems

### 1 Purpose

The following definition of the scope of application with its relevance for the matrix-participating sites base on the requirements of the management standards in view of product conformity, service, energy and environmental issues. It shall be described the relationship between this scope together with the participating sites on base of the context of the organization and needs of the interested parties. The internal and external issues are also items of this system. This consideration automatically leads to the risk and opportunity evaluation for individual processes and for the several sites.

### 2 Applicability

HA’s integrated management system (IMS) applies to the company’s German sites. The management standards applicable to the respective sites are shown in Table 1.

**Table 1:** Reference matrix between site and application of the respective management standard

Company/site	DIN EN ISO 9001 Quality management system	DIN EN ISO 14001 Environmental management system	DIN EN ISO 50001 Energy management system
HA Braunschweig	X	X	X
HA Düsseldorf	X	X	X
HA Hannover	X	X	X
Chemex (Delligsen)	X	X	
Center of Competence (Baddeckenstedt)	X	X	X

It is important to adopt a differentiated approach to the application of regulatory standards given the respective orientations of individual management standards. Thus, a distinction must be made between universal and standard-specific scopes of application.

Universal scope of application: The universal scope of application of all implemented management standards relates to the internal and external issues of the interested parties, as identified and specified in the documented information, *Context of the Organisation*, as well as to the operational activities listed below:



- Development, manufacture and sale of chemical, mineral and metallurgical products and additives for the foundry industry
- Services provided by the Center of Competence
- Consulting based on core shooting and casting process simulations
- Regeneration of used moulding materials

With regard to the standard requirement to mitigate risk and pursue opportunities in compliance with applicable laws and legal provisions, it is assumed that economically viable alternatives are available. In general, the scope of application is related to the physical boundaries of our sites.

Standard-related scope of application of Quality and Environmental management: The QM and EM-related scope of application for the products we manufacture ourselves includes the procurement of raw materials, manufacture, use by our customer and what happens to the product after it has been used, particularly in regard to legal disposal of the product. In the case of trading goods or materials not manufactured by us, we only consider processes that take place within the physical boundaries of our sites or processes from the use of the product to legal disposal, taking into account the legal and regulatory guidelines. The scope of application in the organisational sense extends, within the scope of our possibilities to influence the procurement of raw materials, to the method of transport and the extraction or, in the case of outsourced processes, to the method of production of the material.

Restriction of the scope of application with regard to energy management: The delimitations with regard to energy consumption measurements and evaluations refer to the energy-consuming processes within the organisation and within the physical boundaries of our sites. The energy transfer points demarcate the incoming energy. Site boundaries are defined as the boundaries of the outgoing energy flows. Energy for transportation of materials, for the vehicle fleet, as well as energy for the production of raw materials outside the organisation are not considered. We also do not consider the energy impacts of our products and trading goods as a result of their use.

The organisation provides information only internally about its energy policy measures, the results of its Energy Management System and its energy-related performance. Our energy policy is publicly available as part of our Integrated Management System (IMS) policy statement.