

**ALTAIR CHIMICA S.P.A.**

IT-56048 SALINE DI VOLTERRA (PI) - VIA MOIE VECCHIE 13

NELLE SEGUENTI UNITA' OPERATIVE / IN THE FOLLOWING OPERATIVE UNITS

IT - 56047 SALINE DI VOLTERRA (PI) - VIA MOIE VECCHIE 13

HA ATTUATO E MANTIENE UN SISTEMA DI GESTIONE SICUREZZA CHE E' CONFORME ALLA NORMA  
HAS IMPLEMENTED AND MAINTAINS A SAFETY MANAGEMENT SYSTEM WHICH COMPLIES WITH THE FOLLOWING STANDARD

**UNI ISO 45001:2018**

PER LE SEGUENTI ATTIVITÀ / FOR THE FOLLOWING ACTIVITIES

SETTORE CODE **IAF 24 12 29**

Produzione di idrossido di potassio ed idrossido di sodio in soluzione attraverso impianti di elettrolisi a membrane ad alto impatto energetico; produzione di idrossido di potassio solido attraverso essiccamento di quello in soluzione con elevato consumo di gas naturale; produzione di ipoclorito di sodio attraverso aspirazione di sfiati in torri di assorbimento; produzione in appositi reattori di acido cloridrico in soluzione attraverso sintesi diretta tra cloro ed idrogeno; produzione di carbonato di potassio solido con consumo di gas naturale e recupero di anidride carbonica; produzione carbonato liquido attraverso assorbimento in scrubber di anidride carbonica derivante da fumi di combustione; processo per la produzione di cloruro ferroso e ferrico attraverso reazione diretta con acido cloridrico e successiva ossidazione; produzione di cloruro di potassio solido raffinato attraverso essiccamento sottovuoto della salamoia ultra-depurata con elevato consumo di vapore; produzione fotocatalitica di cloroparaffine a catena media e lunga; attività di recupero rifiuti pericolosi e non pericolosi per produzione di cloruro ferrico e ferroso, mediante le fasi di stoccaggio, movimentazione e trasformazione di materie prime; commercializzazione di policloruro di alluminio.

*Production of potassium hydroxide and sodium hydroxide in solution through high energy impact membrane electrolysis plants; production of solid potassium hydroxide by drying the one in solution with high consumption of natural gas; production of sodium hypochlorite by aspiration of vents in absorption towers; production in special reactors of hydrochloric acid in solution through direct synthesis between chlorine and hydrogen; production of solid potassium carbonate with consumption of natural gas and recovery of carbon dioxide; production of liquid carbonate through the absorption in scrubbers of carbon dioxide deriving from combustion fumes; process for the production of ferrous and ferric chloride through direct reaction with hydrochloric acid and subsequent oxidation; production of refined solid potassium chloride through vacuum drying of the ultra-purified brine with high steam consumption; photocatalytic production of medium and long chain chloroparaffins; hazardous and non-hazardous waste recovery activities for the production of ferric and ferrous chloride, through the storage, handling and transformation of raw materials; commercialization of polyaluminum chloride.*

IL PRESENTE CERTIFICATO È SOGGETTO AL RISPETTO DEL REGOLAMENTO PER LA CERTIFICAZIONE DEI SISTEMI DI GESTIONE  
THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE REQUIREMENTS OF THE RULES FOR THE CERTIFICATION OF MANAGEMENT'S SYSTEMS

PRIMA EMISSIONE FIRST ISSUE	28/02/2017
DATA DELIBERA DECISION DATE	29/11/2022
DATA SCADENZA EXPIRY DATE	26/02/2026
EMISSIONE CORRENTE CURRENT IS	29/11/2022



SCR n. 002 F

Membro degli Accordi di Mutuo riconoscimento EA, IAF e ILAC.  
Signatory of EA, IAF and ILAC Mutual Recognition Agreements.



CERTIQUALITY S.r.l. IL PRESIDENTE  
Via G. Giardino 4 - 20123 MILANO (MI) - ITALY



www.cisq.com

CISQ è la Federazione Italiana di Organismi di  
Certificazione dei sistemi di gestione aziendale. CISQ  
is the Italian Federation of management system  
Certification Bodies.

# Certificate

CISQ/CERTIQUALITY S.r.l. has issued an IQNET recognized certificate that the organization:

**ALTAIR CHIMICA S.P.A.**

IT-56048 SALINE DI VOLTERRA (PI) - VIA MOIE VECCHIE 13

has implemented and maintains a/an

**Safety Management System**

for the following scope:

Production of potassium hydroxide and sodium hydroxide in solution through high energy impact membrane electrolysis plants; production of solid potassium hydroxide by drying the one in solution with high consumption of natural gas; production of sodium hypochlorite by aspiration of vents in absorption towers; production in special reactors of hydrochloric acid in solution through direct synthesis between chlorine and hydrogen; production of solid potassium carbonate with consumption of natural gas and recovery of carbon dioxide; production of liquid carbonate through the absorption in scrubbers of carbon dioxide deriving from combustion fumes; process for the production of ferrous and ferric chloride through direct reaction with hydrochloric acid and subsequent oxidation; production of refined solid potassium chloride through vacuum drying of the ultra-purified brine with high steam consumption; photocatalytic production of medium and long chain chloroparaffins; hazardous and non-hazardous waste recovery activities for the production of ferric and ferrous chloride, through the storage, handling and transformation of raw materials; commercialization of polyaluminum chloride.

which fulfils the requirements of the following standard:

**ISO 45001:2018**

Issued on: 29/11/2022

First issued on: 28/02/2017

Expires on: 26/02/2026

Registration Number: **IT- 133180 - 29964**



**Alex Stoichitoiu**  
President of IQNET



**Mario Romersi**  
President of CISQ



This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document.

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