

ENDRES NON SPARKING, NON MAGNETIC, LOW CORROSION TOOLS

ENDRES safety tools are recommended for use in hazardous environments where flammable or combustible vapours, liquids, dusts or residues are present. High Quality German made ENDRES safety tools are recommended in areas where explosion due to sparks can be a potential danger. Endres tools manufacture all kind of hand tools made of non-sparking material which is a special non-iron-alloy.



Material	Specialbronze SB „S“ Aluminium-multi- substance-bronze					Copper-Beryllium CuBe „C“			
	Cu	Al	Ni	Fe	Mn	Be	NI	Co	Cu
Analysis									
min. in %	Rest	8	4	4	-	1.8	0.1	0.4	Rest
max. in %	Rest	10.5	6	5.5	1.33	2.3	0.5	0.7	Rest
Mechanical properties	cured		untreated						
Strength N/mm2	780-989		600-670			1117-1326			
Yield point N/mm2	450-550		250-270			840-880			
Hardness	230-290		140-180			280-365			
Physical properties									
Magnetic properties	1,35 max.					1,005 max.			

APPLICATIONS

ENDRES safety tools are recommended for use in hazardous environments where flammable or combustible vapours, liquids, dusts or residues are present. ENDRES safety tools are used worldwide in the following industries:

MANUFACTURING

- alcohol industries
- plants for ammunition, missile and explosives
- automotive plants (spray booth)
- bakeries
- breweries and distilleries
- chemical industries
- metal production
- fertiliser plants
- flammable materials manufacture
- flour mills
- furniture manufactures (varnish and painting handling)
- gas plants and coke by-products
- glass manufactures
- insulation manufacture
- leather products (tanneries)
- mining
- nuclear products
- oil and natural gas drilling, refining and handling
- petrochemicals
- petroleum refining
- pharmaceutical

industry

- pipeline construction
- plastic manufactures
- rubber processing operations
- sugar mills
- synthetic fibre manufacture
- wine industry

TRANSPORTATION

- airports
- railroads
- shipyards
- tankers
- tanker trucks

GOVERNMENT AGENCIES

- armed forces (Army, Navy, Air Force, Coast Guard and Civil Support Units)
- Fire Departments
- First Responders to Weapons of Mass Destruction (WMD)
- munitions depot
- nuclear production and waste
- Public utilities
- waste management

- water treatment facilities

OTHER INDUSTRIES

- cleaning and spraying operations - confined space maintenance
- explosives and pyrotechnics
- geophysical exploration
- grain storage and handling
- HAZMAT (= hazardous materials handling) - maintenance and service operations
- packing plants
- warehousing of all hazardous materials

NON MAGNETIC APPLICATION

- (ONLY tools made of CUBE!)
- aircraft maintenance and overhaul
- aluminium and other metal smelting
- electronics manufactures
- hospitals and clinics

- magnetic resonance imaging - mine sweepers

- nuclear products and testing machines
- public utilities
- radar transmission centers

CORROSION RESISTANT APPLICATIONS

- boat owners
- canners
- chemical manufactures
- desalinization plants
- food product manufactures
- insulation manufactures
- laboratories
- paper mills
- petrochemicals
- pharmaceutical industry
- plastic manufactures
- shipyards
- wine industry
- tankers and other work boats



VELES Enterprises Pty Ltd

Office 3, 683 Pittwater Road
Dee Why NSW Australia 2099
TEL + 61 2 99721930, FAX + 61 2 9982 2211
Enquiries - sales@veles.com.au
Web - www.veles.com.au