

APPENDIX 4 REFERENCE LITERATURE

<u>Identification</u>	<u>Title</u>
AFS 1985:10	National Board of Occupational Safety and Health's Regulations, Manholes in certain containers [in Swedish]
Allmänna bestämmelser AB 04	Allmänna Bestämmelser för Byggnads-, Anläggnings- och Installationsentreprenader. General Regulations for Building, Civil Engineering and Building Services Systems contracts [in Swedish]
AMA VVS & Kyl 09	Allmän Material- och Arbetsbeskrivning för VVS- och Kyltekniska arbeten [in Swedish]
ANSI N5.12-1974	American National Standard, Protective coatings (paints) for the nuclear industry
ASTM D2240-05	Standard Test Method for Rubber Property - Durometer Hardness
ASTM D 3911-08	Standard Test Methods for Evaluation Coating Used in Light Water Nuclear Power Plants under Simulated Design Basis Accident (DBA) Condition
ASTM D 4082-10	Standard Test Method for Effects of Gamma Radiation on Coatings for Use in Nuclear Power Plants
ASTM D 4227-05	Standard Practice for Qualification of Coating Applicator for Application of Coatings for Concrete Surfaces
ASTM D 5144-08	Standard Guide for Use of Protective Coatings Standards in Nuclear Power Plants
ASTM D 5163-08	Standard Guide for Establishing Procedures to Monitor the Performance of Safety-related Coatings in an Operating Environment in Nuclear Power Plants
ASTM D 5962-08	Standard Guide for Maintaining Unqualified Coatings (Paints) Within Level 1 Areas of a Nuclear Power Facility
ASTM D4060-10	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
ASTM D4228-05	Standards Practice for Qualification of Coating Applicator for Application of Coatings for Steel Surfaces

<u>Identification</u>	<u>Title</u>
ASTM D4537-12	Standard Guide for Establishing Procedures to Qualify and Certify Inspection Personnel for Coating Work in Nuclear Facilities
ASTM G 14-04(2010)	Standard Test Method for Impact Resistance of Pipeline Coatings (Falling Weight Test)
BY 40-2003	Betonirakenteiden pinnat; Suomen Betoniyhdistys R.Y. -BY (Finnish Concrete Manufacturers' Association) Betonilattiat [in Finnish]
DIN 53233:2003-06	Bestimmung des Abriebverhaltens von dekontaminierbaren Beschichtungen [in German]
EGGA	European General Galvanisers Association
EMAS	Eco Management and Audit Scheme
EUR	European utility requirements for LWR nuclear power plants
Guide YVL 1.8	Repairs. Modifications and preventive maintenance at nuclear facilities – STUK Radiation and Nuclear Safety Authority
Guide YVL 4.1	Concrete structures for nuclear facilities - STUK
Guide YVL 4.2	Steel structures for nuclear facilities - STUK
Hus AMA 11	Hus AMA 11 Allmän material- och arbetsbeskrivning för husbyggnadsarbeten [in Swedish]
ISO 178:2010	Plastics – Determination of flexural properties
ISO 4532	Vitreous and porcelain enamels- - Determination of the resistance of enamelled articles to impact – Pistol test
IZA	International Zinc Association
Maalaus RYL 2012	Rakennustöiden yleiset laatuvaatimukset [in Finnish]
NACE Standard TM 0174-2002	Laboratory Methods for the Evaluation of Protective Coatings and Lining Materials in Immersion Service
NCS	Natural Color System
PBL 2010:900	Plan- och bygglag [in Swedish]
RAL	German colour atlas

<u>Identification</u>	<u>Title</u>
Regulatory Guide 1.54, rev 2, October 2010	Regulatory Guide 1.54 – Service Level 1, II and III, Protective Coatings Applied to Nuclear Power Plants (Will be superseded by Regulatory Guide 1242)
SS 056812	Industriell målning av byggvaror av trä - Klassindelning [in Swedish] (The standard is now repealed but it can be obtained on request from the joint Surface Protection Group)
SS 142343, Edition 14	Stainless steel – SS-steel 2343, Edition 14 2002 [in Swedish]
SS 18 16 51	Paints and varnishes – Determination of adhesion between sand-based filler and concrete. Pull-off test. [in Swedish] (The standard is now repealed but it can be obtained on request from the TBY joint Surface Protection Group)
SS 18 16 52	Paints and varnishes – Determination of shrinkage of sand-based filler. [in Swedish] (The standard is now repealed but it can be obtained on request from the TBY joint Surface Protection Group)
SS 18 16 53	Paints and varnishes – Determination of resistance of sand-based filler to mechanical impression. [in Swedish] (The standard is now repealed but it can be obtained on request from the joint Surface Protection Group)
SS 18 41 61	Paints. Comparison of short-time resistance to liquids. Petri dish method. [in Swedish] (The standard is now repealed but it can be obtained on request from the joint Surface Protection Group)
SS 18 41 64	Paints and varnishes – Determination of resistance to wet abrasion by brushes [in Swedish] (The standard is now repealed but it can be obtained on request from the TBY joint Surface Protection Group)
SS 18 41 65, Edition 2	Paints and varnishes – Determination of resistance to dry abrasion (by falling sand) [in Swedish] (The standard is now repealed but it can be obtained on request from the joint Surface Protection Group)

<u>Identification</u>	<u>Title</u>
SS 18 42 07, Edition 1	Paints and varnishes – Determination of drying time [in Swedish]
SS 18 42 16, Edition 1	Paints and varnishes – Tack-free test [in Swedish] (The standard is now repealed but it can be obtained on request from the joint Surface Protection Group)
SS 3192, Edition 3	Inorganic surface coatings – Hot dipped galvanised threaded pieces of steel.
SS 92 35 11, Edition 1	Flooring – testing of watertightness [in Swedish]
SS 92 35 51, Edition 1	Flooring - Classification [in Swedish]
SS-EN 10169:2010+A1:2012	Continuously organic coated (coil coated) steel flat products - Technical delivery conditions
SS-EN 10327:2004	Continuously hot-dip-galvanized steel sheet and strip for cold forming – Technical delivery specifications
SS-EN 10346:2009, Edition 1	Continuously hot metalized flat products – Technical terms of delivery
SS-EN 13318, Edition 1	Screed material and floor screeds - Definitions
SS-EN 13501-1:2007+A1:2009, Edition 1	Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests
SS-EN 13893, Edition 1	Flooring - Measurement of dynamic coefficient of friction on dry floor surfaces
SS-EN 14879-1:2005, Edition 1	Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media - Part 1: Terminology, design and preparation of substrate
SS-EN 14879-4:2007, Edition 1	Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media - Part 4: Linings on metallic components
SS-EN 1993-1-3:2006. Edition 1	Dimensioning of steel structures – Part 1 – Cold-formed sections and shaped metal sheet

<u>Identification</u>	<u>Title</u>
SS-EN 8502:-10, Edition 1	Preparation of steel substrates before application of paints and related products - Testing evaluation of surface cleanliness - Part 10: Field method for determining water soluble chloride by titration. (The standard is now repealed but it can be obtained on request from the TBY Group)
SS-EN ISO 10684:2004, Edition 1	Fasteners – Hot dip galvanized coatings (ISO 10684:2004)
SS-EN ISO 11126-, Edition 17	Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 7: Fused aluminium oxide
SS-EN ISO 11126-3, Edition 1	Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 3: Copper refinery slag
SS-EN ISO 11126-4, Edition 1	Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 4: Coal furnace slag
SS-EN ISO 11126-8, Edition 1	Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 8: Olivine sand
SS-EN ISO 11925-2:2010/AC 2011 Edition 1	Reaction to Fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO 11925-2:2010)
SS-EN ISO 12944-1, Edition 1	Paints and varnishes - Corrosion protection of steel structures by protective paint systems. Part 1: General introduction (ISO 12944-1:1998)
SS-EN ISO 12944-2, Edition 1	Paints and varnishes - Corrosion protection of steel structures by protective paint systems. Part 2: Classification of environments (ISO 12944-2:1998)
SS-EN ISO 12944-3, Edition 1	Paints and varnishes - Corrosion protection of steel structures by protective paint systems. Part 3: Design considerations (ISO 12944-3:1998)
SS-EN ISO 12944-4, Edition 1	Paints and varnishes - Corrosion protection of steel structures by protective paint systems. Part 4: Types of surface and surface preparation (ISO 12944-4:1998)
SS-EN ISO 12944-5:2007, Edition 2	Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 5: Protective paint systems (ISO 12944-5:2007)

<u>Identification</u>	<u>Title</u>
SS-EN ISO 12944-6, Edition 1	Paints and varnishes - Corrosion protection of steel structures by protective paint systems. Part 6: Laboratory performance test methods (ISO 12944-6:1998).
SS-EN ISO 12944-7, Edition 1	Paints and varnishes - Corrosion protection of steel structures by protective paint systems. Part 7: Execution and supervision of paintwork (ISO 12944-7:1998).
SS-EN ISO 12944-8, Edition 1	Paints and varnishes - Corrosion protection of steel structures by protective paint systems. Part 8: Development of specifications for new work and maintenance (ISO 12944-8:1998)
SS-EN ISO 14001, 2004, Edition 1	Environmental management systems – Performance specification and guidance for application (ISO 14001:2004)
SS-EN ISO 1460, Edition 1	Metallic coatings – Hot-dip-galvanized coatings on ferrous materials – Gravimetric determination of the mass per unit area. (ISO 1460:1992)
SS-EN ISO 1461:2009, Edition 1	Hot-dip-galvanized coatings on fabricated iron and steel articles – Specifications and test methods (ISO 1461:2009)
SS-EN ISO 14713-1:2009, Edition 1	Inorganic surface coatings - Zinc coatings - Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Part 1: General principles of design and corrosion resistance (ISO 14713-1:2009)
SS-EN ISO 14713-2:2009, Edition 1	Inorganic surface coatings - Zinc coatings - Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Part 2: Hot dip galvanizing (ISO 14713-2:2009)
SS-EN ISO 14713-3:2009, Edition 1	Inorganic surface coatings - Zinc coatings - Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Part 3: Sherardising (ISO 14713-3:2009)
SS-EN ISO 1514:2004, Edition 2	Paints and varnishes - Standard panels for testing (ISO 1514:2004)
SS-EN ISO 1518-1:2011, Edition 1	Paints and varnishes - Determination of scratch resistance - Part 1: Constant-loading method (ISO 1518-1:2011)
SS-EN ISO 1519, Edition 2	Paints and varnishes - Bend test (cylindrical mandrel)
SS-EN ISO 1520:2006, Edition 3	Paints and varnishes – Cupping test (ISO 1520:2006)

<u>Identification</u>	<u>Title</u>
SS-EN ISO 2063:2005, Edition 1	Thermal spraying - Metallic and other inorganic --Zinc, aluminium and their alloys (ISO 2063:2005)
SS-EN ISO 2081:2008, Edition 1	Metallic and other inorganic coatings - Electroplated coatings of zinc with supplementary treatments on iron or steel (ISO 2081:2008)
SS-EN ISO 2409:2007, Edition 2	Paints and varnishes – Cross-cut test
SS-EN ISO 2808:2007, Edition 2	Paints and varnishes – Determination of film thickness
SS-EN ISO 2812-1:2007, Edition 2	Paints and varnishes - Determination of resistance to liquids - Part 1: Immersion in liquids other than water (ISO 2812-1:2007)
SS-EN ISO 2812-2:2007, Edition 2	Paints and varnishes – Determination to resistance to liquids – Part 1: Water immersion method (ISO 2812-2:2007)
SS-EN ISO 2813, Edition 1	Paints and varnishes - Determination of specular gloss of non-metallic paint films at 20 degrees, 60 degrees and 85 degrees (ISO 2813:1994, including Technical Corrigendum 1:1997)
SS-EN ISO 4042, Edition 1	Fasteners – Electroplated coatings (ISO 4042:1999)
SS-EN ISO 4624, Edition 1	Paints and varnishes – Pull-off test for adhesion. (ISO 4624-1978)
SS-EN ISO 4628-1:2004, Edition 1	Paints and varnishes -- Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 1: General introduction and designation system (ISO 4628-1:2003)
SS-EN ISO 4628-2:2004, Edition 1	Paints and varnishes -- Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2: Assessment of degree of blistering (ISO 4628-2:2003)
SS-EN ISO 4628-3:2004, Edition 1	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting (ISO 4628-3:2003)
SS-EN ISO 4628-4:2004, Edition 1	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 4: Assessment of degree of cracking (ISO 4628-4:2003)

<u>Identification</u>	<u>Title</u>
SS-EN ISO 4628-5:2004, Edition 1	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 5: Assessment of degree of flaking (ISO 4628-5:2003)
SS-EN ISO 4628-6:2011, Edition 3	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 6: Assessment of degree of chalking by tape method (ISO 4628-6:2011).
SS-EN ISO 4628-8:2005, Edition 1	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 8: Assessment of delamination and corrosion for scratches. (ISO 4628-8:2005)
SS-EN ISO 527-2, Edition 2	Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics (ISO 527-2:2012)
SS-EN ISO 5817:2007, Edition 2	Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections (ISO 5817:2003, corrected version:2005, including Technical Corrigendum 1:2006)
SS-EN ISO 604	Plastics - Determination of compressive properties (ISO 604:2002)
SS-EN ISO 6270-1, Edition 1	Paints and Varnishes – Determination of resistance to humidity – Part 1: Continuous condensation (ISO 6270:1998)
SS-EN ISO 6272:2001; Edition 2	Paints and varnishes - Rapid-deformation (impact resistance) tests - Part 1: Falling-weight test, small-area indenter (ISO 6272-2:2011)
SS-EN ISO 8501-1:2007, Edition 2 (SS 05 59 00)	Preparation of steel substrates before application of paints and related products - Visual evaluation of surface cleanliness – Part 1: Rust grades and preparation grades of uncoated steel and of steel substrates after overall removal of previous coatings. (ISO 8501-1:2007)
SS-EN ISO 8501-3:2007, Edition 2	Preparation of steel substrates before application of paints and related products - Visual evaluation of surface cleanliness - Part 3: Preparation grades of welds, cut edges and other areas with surface imperfections (ISO 8501-3:2006)

<u>Identification</u>	<u>Title</u>
SS-EN ISO 8501-4:2007, Edition 1	Preparation of steel substrates before application of paints and related products - Visual evaluation of surface cleanliness - Part 4: Initial surface conditions, preparation grades and flash rust grades in connection with high pressure water jetting (ISO 8501-4:2006)
SS-EN ISO 8502-6:2006, Edition 2	Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 6: Extration of soluble contaminants for analysis – The Bresle method (ISO 8502-6:2006)
SS-EN ISO 8503-2, Edition 2	Preparation of steel substrates before application of paints and related products – Characterisation of surface roughness of blast-cleaned steel substrates - Part 2: Method of classification of the surface profile of abrasively blasted steel - The comparator method (ISO 8503-2:2012).
SS-EN ISO 9227:2006, Edition 2	Corrosion tests in articial atmospheres – Salt spray tests (ISO 9227:2012)
SS-EN ISO 9239-1:2010 Edition 2	Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source (ISO 9239-1:2010)
SS-EN1670:2007, Edition 2	Building hardware - Corrosion resistance - Requirements and test methods
SSG 1021, Edition 7	Paints for the corrosion protection of metallic materials. Two-pack epoxy or polyurethane primer GA, GK, GS
SSG 1022, Edition 7	Paints for the corrosion protection of metallic materials. Zinc powder-pigmented epoxy primer GB, GZ
SSG 1024, Edition 7	Paints for the corrosion protection of metallic materials. Surface tolerant oil or long-oil alkyd primer GM, GP
SSG 1026, Edition 7	Paints for the corrosion protection of metallic materials. Two-pack epoxy or polyurethane top paint TA, TB, TD
SSG 1028, Edition 7	Paints for the corrosion protection of metallic materials. Alkyd top paint TM, TP
SSG 1030, Edition 7	Paints for the corrosion protection of metallic materials. Solvent-free epoxy, vinyl ester or polyester top paint TF, TG
SS-ISO 7619-1:2010, Edition 2	Rubber, vulcanized or thermoplastic - Determination of indentation hardness - Part 1: Durometer method (Shore hardness) (ISO 7619-1:2010, IDT)

<u>Identification</u>	<u>Title</u>
SS-ISO 813:2010, Edition 3	Rubber, vulcanized or thermoplastic - Determination of indentation hardness - Part 1: Durometer method (Shore hardness) (ISO 7619-1:2010, IDT)
SS-ISO 8502-9, Edition 1	Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 9: Field method for the conductometric determination of water-soluble salts (ISO 8502-9:1998)
SS-ISO 8690, Edition 1	Nuclear energy – Decontamination of radioactively contaminated surfaces -- Method for testing and assessing the ease of decontamination
StBK-N5	StBK-N5 Tunnplåtsnorm [in Swedish]
STUK – YTO – TR 210, 2004	Requirements for coatings of nuclear power plant containments, STUK Radiation and Nuclear Safety Authority of Finland
Swedish Corrosion Institute handbook of anti-rust painting, Bulletin 107	Handbok i rostskyddsmålning av allmänna stålkonstruktioner, Bulletin 107 [in Swedish]
TNC 38 (1967)	Glossary of paint and varnish technology Swedish Centre of Technical Terminology
TNC 88 (1988)	Glossary of paint and varnish technology Swedish Centre of Technical Terminology
TVBM-1003	Report TVBM-3008, published by the Department of Building Materials Science, Lunds Institute of Technology [in Swedish]
USASI N5.9-1967	USA Standard, Surface Protection (paints) for the Nuclear Industry
USNRC Regulatory Guide DG-1242, March 2010	USNRC Regulatory Guide DG-1242, March 2010, Service Level I, II, III Protective Coatings Applied to Nuclear Power Plants
VAST, Painting in nuclear power plants. Report from VAST - Swedish State Power Board Working Party, April 1971	Målning i kärnkraftsanläggningar Rapport från VAST – Vattenfalls arbetsgrupp [in Swedish]