

Visual Standards and Reference Photographs

SSPC and SSPC/NACE Surface Preparation VISUAL STANDARDS AND REFERENCE PHOTOGRAPHS



SSPC-VIS 1, Guide and Reference Photographs for Steel Surfaces Prepared by Dry Abrasive Blast Cleaning

The revised and expanded edition of SSPC's most widely used visual reference features full-color photos of previously coated and uncoated, rusted steel surfaces before and after dry abrasive blast cleaning to white metal (SP 5/NACE 1), near-white (SP 10/NACE 2), commercial (SP 6/NACE 3), industrial (SP 14/NACE 8), and brush-off (SP 7/NACE 4) finishes. Appendix photographs show variations in white metal surfaces caused by different metallic and non-metallic abrasives, and by differences in profile depth, angle of view, and lighting



SSPC-VIS 3, Visual Standard for Power- and Hand-Tool Cleaned Steel

Shows 3 previously coated and 4 uncoated, rusted steel surfaces before and after hand tool cleaning (SP 2); power tool cleaning (SP 3) with power wire brushes, needle guns and sanding discs; and power tool cleaning to bare metal (SP 11). Additional photos depict SP 11 surfaces with a restored anchor profile.



SSPC-VIS 4/NACE VIS 7, Guide and Reference Photographs for Steel Surfaces Prepared by Waterjetting

Shows 4 previously coated and 3 uncoated, rusted steel surfaces cleaned to WJ 1, WJ 2, WJ 3, and WJ 4 finishes as defined by the SSPC/NACE standard for high- and ultrahigh-pressure waterjetting (SP 12/NACE 5). Additional photos illustrate degrees of light, moderate, and heavy flash rusting after waterjetting.



SSPC-VIS 5/NACE VIS 9, Guide and Reference Photographs for Steel Surfaces Prepared by Wet Abrasive Blast Cleaning

Shows 2 uncoated, rusted steel surfaces before and after wet abrasive blast cleaning to near-white (SP 10/NACE 2) and commercial blast (SP 6/NACE 3) finishes. Additional photos illustrate the appearance of flash rusting after cleaning. Photos of commercial and near-white surfaces achieved by dry abrasive blast cleaning can be found in the new SSPC-VIS 1.



SSPC-VIS 2, Standard Method for Evaluating Degree of Rusting on Painted Steel Surfaces

SSPC's popular rust standard features a series of 27 full color images and 27 black and white diagrams representing various degrees of spot, general, and pinpoint rusting on painted steel surfaces. Text and tables provide a guide to the use of the reference photographs; a scale and description of SSPC standard rust grades; a comparison of SSPC, ASTM, ISO, and other rust grade scales; along with other useful information.



ISO 8501-1:1988/SS 05 59 00

This international standard discusses the preparation of steel surfaces for the acceptance of paints and coatings, and provides a visual reference for the assessment of surfaces prior to and after cleaning. Prepared by the International Organization for Standardization (ISO) in collaboration with the Swedish Standards Commission (Standardiserings-kommissionen i Sverige-SIS).

No member discount; not available as an SSPC Organizational Member free publication selection