

ISO 8504-2:2019-10 (E)

Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 2: Abrasive blast-cleaning

| Contents | | Page |
|--------------------|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Abrasives | 2 |
| 4.1 | Materials and types | 2 |
| 4.2 | General requirements | 4 |
| 4.2.1 | Technical | 4 |
| 4.2.2 | Health and safety | 4 |
| 4.3 | Selection considerations | 4 |
| 5 | Abrasive blast-cleaning methods | 5 |
| 5.1 | Dry abrasive blast-cleaning | 5 |
| 5.1.1 | Centrifugal abrasive blast-cleaning | 5 |
| 5.1.2 | Compressed-air abrasive blast-cleaning | 6 |
| 5.1.3 | Vacuum or suction-head abrasive blast-cleaning | 6 |
| 5.2 | Wet abrasive blast-cleaning | 7 |
| 5.2.1 | General | 7 |
| 5.2.2 | Moisture-injection abrasive blast-cleaning (compressed-air moisture- injection abrasive blast- cleaning) | 7 |
| 5.2.3 | Compressed-air wet abrasive blast-cleaning | 8 |
| 5.2.4 | Slurry blast-cleaning | 8 |
| 5.2.5 | Pressurized-liquid blast-cleaning | 9 |
| 6 | Procedure | 9 |
| 6.1 | Preparation before blast-cleaning | 9 |
| 6.2 | Blast-cleaning | 9 |
| 6.3 | After blast-cleaning | 10 |
| 7 | Assessment of the blast-cleaned surface | 10 |
| Bibliography | | 11 |