

塗装職種（噴霧塗装作業）

Job category: Painting Operation: Spray painting work

作業の定義 Criteria of Operation	<p>噴霧塗装用の機械、噴霧塗装用設備等を使用して工業塗装作業等における被塗装物及び塗料の種類に応じた噴霧塗装の方法により行う作業をいう。</p> <p>参考</p> <p>噴霧塗装作業は、「技能検定試験の試験科目及びその範囲並びにその細目」で工業塗装作業におけるエアスプレー塗装機、エアレススプレー塗装機、静電塗装機等の塗装機器の扱いに重点が置かれている。</p> <p>被塗装物の例 工業塗装作業等で塗装される各種製品・部品等</p> <p>Refer to work performing spray painting according to the type of subjects to be coated and paints in industrial painting work etc. using spray coating machinery, spray painting equipment etc.</p> <p>Reference: Regarding Spray painting work, it is emphasized on the handling of coating equipment such as air spray coating machines, airless spray coating machines and electrostatic coating machines in industrial painting operations in "Test subject of the Technical skills test and its scope and its details"</p> <p>Examples of objects to be painted: Various products, parts etc. to be painted in industrial painting work etc.</p>		
	第 1 号技能実習 Technical Intern Training (i)	第 2 号技能実習 Technical Intern Training (ii)	第 3 号技能実習 Technical Intern Training (ii)
必須業務（移行 対象職種・作業 で必ず行う業 務） Compulsory works (Works to be essential on the operations in the job categories to be shifted)	<p>(1)噴霧塗装作業</p> <p>Spray painting work</p> <p>①素地調整作業</p> <p>Foundation adjustment</p> <p>②塗料の簡単な調合作業</p> <p>Easy blending work of Paints</p> <p>③噴霧塗装機による塗装作業</p> <p>Painting by spray coater</p> <p>1.被塗装物の養生作業</p> <p>Curing of the painted object</p> <p>2.エアスプレー塗装機による塗装作業</p> <p>Painting by air spray coater</p>	<p>(1)噴霧塗装作業</p> <p>Spray painting work</p> <p>①素地調整作業</p> <p>Foundation adjustment</p> <p>②塗料の調合作業</p> <p>Blending, mixing of Paints</p> <p>③噴霧塗装機による塗装作業</p> <p>Painting by spray coater</p> <p>1.被塗装物の養生作業</p> <p>Curing of the painted object</p> <p>2.エアスプレー塗装機による塗装作業</p> <p>Painting by air spray coater</p> <p>3.エアレススプレー塗装機による塗装作業</p> <p>Painting by airless spray coater</p> <p>4.静電塗装機による塗装作業</p> <p>Painting by electrostatic spray coater</p> <p>④塗装用設備の点検・整備作業</p> <p>Inspection and maintenance work of coating equipment</p>	<p>(1)噴霧塗装作業</p> <p>Spray painting work</p> <p>①素地調整作業(へらの調整含む)</p> <p>Foundation adjustment (including spatula adjustment)</p> <p>②塗料の調合作業</p> <p>Blending, mixing of Paints</p> <p>③噴霧塗装機による塗装作業</p> <p>Painting by spray coater</p> <p>1.被塗装物の養生作業</p> <p>Curing of the painted object</p> <p>2.エアスプレー塗装機による塗装作業</p> <p>Painting by air spray coater</p> <p>3.エアレススプレー塗装機による塗装作業</p> <p>Painting by airless spray coater</p> <p>4.スプレーパターンの調節作業</p> <p>Adjustment of spray pattern</p> <p>5.静電塗装機による塗装作業</p> <p>Painting by electrostatic spray coater</p> <p>④塗装用設備の点検・整備作業</p> <p>Inspection and maintenance work of coating equipment</p> <p>⑤膜厚及び塗り色判定作業</p> <p>Film thickness and fill color judgement work</p> <p>⑥塗膜修整作業</p> <p>Coating film modification work</p> <p>⑦塗装機の分解、組立て及び調整作業</p> <p>Disassembly, assembly and adjustment work of the coating machine</p>
	<p>(2)安全衛生業務</p> <p>Safety and health operations</p> <p>①雇入れ時等の安全衛生教育</p> <p>Safety and health education at the time of new employment</p> <p>②作業開始時の安全確認作業</p> <p>Safety confirmation work at the start of work</p> <p>③塗装職種に必要な整理整頓作業</p> <p>Organizing work necessary for painting jobs</p> <p>④塗装職種の作業用機器・装置等及び周囲の安全確認作業</p> <p>Safety confirmation work of equipment and devices, etc. and surroundings for painting</p> <p>⑤保護具及び安全標識・装置の点検作業</p> <p>Inspection work of protective equipment and safety signs/equipment</p> <p>⑥安全装置の使用等による安全作業</p> <p>Safety work by using safety devices, etc.</p> <p>⑦危険物等の取扱い作業</p> <p>Treatment of dangerous goods etc.</p> <p>⑧危険性、有害性の排除及び応急処置対応作業</p> <p>Elimination of hazards and toxicity and work for first aid measures</p>		

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<div>関連業務、周辺業務（上記必須業務に関する技能等の修得に係る業務等で該当するものを選択すること。）</div> <div>Related works, Peripheral works (Select what is applicable in works related to acquisition of skills etc. concerning above essential tasks.)</div>	<div><div>(1)関連業務</div><div>Related works</div><div>①噴霧塗装以外の各種塗装（ロールコータ塗装、焼付け塗装、電着塗装、粉体塗装等）作業</div><div>Various painting work other than spray painting (roll coater painting, baking paint, electrodeposition paint, powder paint etc.)</div><div>②塗装用器工具及び塗装用機器・装置の保守・管理作業</div><div>Maintenance and management work of paint tool and paint equipment</div><div>③塗装材料、塗装用補助材料等の保守・管理作業</div><div>Maintenance and management work of coating materials, auxiliary materials for painting, etc.</div><div>④塗装の乾燥作業</div><div>Drying work of paint</div><div>(2)周辺業務</div><div>Peripheral works</div><div>①塗装用機材及び材料等の構内運搬作業</div><div>Indoor transportation of coating materials and materials</div><div>②塗装用機材及び材料等の梱包・出荷作業</div><div>Packaging and shipping operations of coating materials and materials</div><div>(3)安全衛生業務（関連業務、周辺業務を行う場合は必ず実施する業務）</div><div>Safety and health work (work to be carried out whenever related work and peripheral work are carried out)</div><div>上記※に同じ</div><div>Same as ※ above</div></div>
<div>使用する素材、材料等（該当するものを選択すること。）</div> <div>Materials etc. to use (Select the appropriate one.)</div>	<div>①噴霧塗装作業用塗料（一つ以上必ず使用すること。）</div> <div>Paints for spray painting work (be sure to use one or more.)</div> <div><div>1. 錆（さび）止め塗料</div><div>1. Rust (rust) stop paint</div><div>2. ラッカー系塗料</div><div>2. Lacquer type paint</div><div>3. アミノアルキド樹脂塗料</div><div>3. Amino alkyd resin paint</div><div>4. エポキシ樹脂系塗料</div><div>4. Epoxy resin paint</div><div>5. ポリウレタン樹脂塗料</div><div>5. Polyurethane resin paint</div><div>6. アクリル樹脂塗料</div><div>6. Acrylic resin paint</div><div>7. 粉体塗料</div><div>7. Powder coating</div><div>8. ふっ素樹脂塗料</div><div>8. Fluorine resin paint</div><div>9. 電着塗料</div><div>9. Electrodeposition Paint</div><div>10. エッチングプライマ</div><div>10. Etching primer</div></div> <div>②うすめ液及び溶剤（必要に応じて使用すること。）</div> <div>Thin diluent and solvent (use as necessary).</div> <div>③塗装用補助材料（必要に応じて使用すること。）</div> <div>auxiliary material for painting (to use if necessary)</div> <div><div>1. 漂白剤</div><div>1. Bleach</div><div>2. 着色剤</div><div>2. Coloring agent</div><div>3. 目止め材</div><div>3. Sealing material</div><div>4. 乾燥促進剤</div><div>4. Drying accelerator</div><div>5. はく離剤</div><div>5. Release agent</div><div>6. リターダ</div><div>6. Retarder</div><div>（乾燥を遅らせる遅延剤）</div><div>(retarder to delay drying)</div><div>7. パテ類</div><div>7. putty</div><div>8. 養生材料、マスキング用材料等</div><div>8. Curing materials, masking materials, etc.</div></div>
<div>使用する機械、器具等（該当するものを選択すること。）</div> <div>Machine, tools etc. to use (Select the appropriate one.)</div>	<div>①機械、設備等（必要に応じて使用すること。）</div> <div>Machine, equipment, etc. (Use as necessary.)</div> <div><div>1. エアスプレー塗装機</div><div>1. Air spray coating machine</div><div>2. エアレススプレー塗装機</div><div>2. Airless spray coating machine</div><div>3. 静電塗装機</div><div>3. Electrostatic coating machine</div><div>4. 二液混合型スプレー塗装機</div><div>4. Two-component mixing type spray coating machine</div><div>5. 粉体塗装機</div><div>5. Powder coating machine</div><div>6. 電着塗装機</div><div>6. Electrodeposition coating machine</div><div>7. 攪拌機</div><div>7. Stirrer</div><div>8. 洗浄機</div><div>8. Cleaning machine</div><div>9. スプレーブース</div><div>9. Spray booth</div><div>10. 塗料供給設備</div><div>10. Paint supply facility</div><div>11. 空気供給設備</div><div>11. Air supply facility</div><div>12. 排気及び排水設備</div><div>12. Exhaust and drainage equipment</div><div>13. コンベア設備</div><div>13. Conveyor equipment</div><div>14. 各種乾燥装置</div><div>14. Various dryers</div><div>15. ブラスト機器</div><div>15. Blasting equipment</div><div>16. 塗装ロボット</div><div>16. Painting robot</div></div> <div>②器工具等（12.を含む二つ以上必ず使用すること。）</div> <div>Instrument tools, etc. (Be sure to use two or more, including 12.).</div> <div><div>1. 刷毛（はけ）</div><div>1. Brush (brush)</div><div>2. へら</div><div>2. Spatula</div><div>3. ローラブラシ</div><div>3. Roller brush</div><div>4. スプレーガン</div><div>4. Spray gun</div><div>5. こて</div><div>5. Trowel</div><div>6. 濾過（ろか）用具</div><div>6. Filtering (filtration) tool</div><div>7. 錆（さび）落とし用器工具</div><div>7. Rust (rust) drop tool</div><div>8. ケレン用工具</div><div>8. Keren tool</div><div>9. 定盤</div><div>9. Platen</div><div>10. 計測器</div><div>10. Instrument</div><div>11. 研磨用工具</div><div>11. Abrasive tool</div><div>12. 各種保護具</div><div>12. Various protective equipment</div></div>
<div>製品等の例（該当するものを選択すること。）</div> <div>Examples of products etc. (Select the appropriate one.)</div>	<div>必須業務を踏まえた塗装作業を行った作業結果</div> <div>Results of painting work based on essential tasks</div>

移行対象職種・ 作業とはならな い業務例 Example of works which is not eligible for the job categories / operations to be shifted	1.道路標示・区画線工事業における塗装作業 Painting work in road marking / lane marking work 2.看板制作作業 Signboard production work 7. In case of only paint preparation / 3.漆塗装作業 Lacquer painting work 4.めっき作業 Plating work 5.合成樹脂接着剤噴霧塗布作業 Synthetic Resin Adhesive Spray Coating Operation	6.黒板製造業における塗装作業 Coating work in blackboard manufacturing industry 7.塗料調合・調色作業のみの場合 In case of only paint preparation / toning work 8.ライニング作業（プラスチック溶射） Lining work (plastic spraying) 9.スクリーン印刷作業 Screen printing operation 10.上記の関連業務及び周辺業務のみの場合 The above-mentioned related work and peripheral work only
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