**Exercise 5.2**

**Portable Power Sanders**

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| **Completed** |  **Procedure** |
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 | 1. Review the Portable Power Sander Safety Rules.
2. Obtain a ¾” x 12” x 12” +/- veneered overlay material which has been sanded cross-grain.
3. Obtain abrasives from your instructor. Using a ½ sheet pad sander, sand one side using \*120 and 180 grit paper. (\*Start with a rougher grit if needed. Label this side “A”
4. Using a pneumatic random orbit sander, sand the other side of the board using 120 and 180 grit disks. Label this side “B”.
5. Using an inspection light, verify that all rough grits have been removed. Apply a dye stain to ½ of the surface on each face before submitting for review.
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You have now completed the Portable Power Sander skill exercise.

**Scoring Guide:** √ = Criteria met

 O = Criteria not met

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| Face 1 ("A"): No apparent sand through (ghosting) of veneer | Face 1 ("A"): No Cross-Grain Scratches | Face 1 ("A"): Sanding marks are consistent and directional with the grain  | Face 1 ("A"): No edge/end roll or dubbing | Face 1 ("A"): No pronounced Orbital Sanding Marks |
| Face 2 ("B"): No apparent sand through (ghosting) of veneer | Face 2 ("B"): No Cross-Grain Scratches | Face 2 ("B"): Sanding marks are consistent and directional with the grain | Face 2 ("B"): No edge/end roll or dubbing | Face 2 ("B"): No pronounced Orbital Sanding Marks |

**Total: \_\_\_\_\_\_/10** (min. score: 8/10)

**Comments:**