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|---------------------------|---|------------------|---|--|-----------------|--|
| AUTHORIZATION & RELEVANCY | ASSURANCE CONSTRUCTION & SERVICES                                   |                  | HAZARD ASSESSMENT & ANALYSIS WORKSHEET  |  | R-15 FORMAL HAA |  |
|                           | JOB/TASK  |                  | POWER TOOLS   |  |                 |  |
|                           | ANALYSIS BY<br>HEALTH & SAFETY TEAM<br>HARLEY WINBORN & JAIME HEIDE |                  |   | APPROVED BY<br>SENIOR ADMINISTRATOR<br>JASON DE BOER |                 |  |
|                           | NAME  |                  |   |  |                 |  |
|                           | SIGN  |                  |   |  |                 |  |
|                           | DATE  | FEBRUARY 13 2015 |   |  |                 |  |
|                           | ORIGINAL ASSESSMENT DATE<br>January 4, 2011                         |                  | REASON FOR THIS REVISION (ANN. REVIEW, CHANGE IN PROCEDURE, CHANGE OR NEW EQUIP., OR INCIDENT)<br>ANNUAL REVIEW |  |                 |  |

|               |   |                                     |   |
|---------------|---|-------------------------------------|---|
| WHAT YOU NEED | TOOLS/EQUIPMENT USED  | MATERIALS REQUIRED                  | PPE REQUIRED  |
|               | CIRCULAR SAWS, RECIPROCATING SAW, POWER DRIVERS, GRINDERS, TABLE SAW, JIG SAW, ETC. | VARIOUS,DETERMINED BY NATURE OF JOB | HARD HAT, SAFETY VEST, STEEL TOED BOOTS, EYE PROTECTION, HEARING PROTECTION |

|                         |   |   |                   |   |             |             |               |                    |                 |                   |  |                |             |   |
|-------------------------|---|---|-------------------|---|-------------|-------------|---------------|--------------------|-----------------|-------------------|--|----------------|-------------|---|
| HAZARDOUS STEPS & TASKS | SAFE WORK PRACTICES                                       |   | POTENTIAL HAZARDS | WHAT COULD HAPPEN   | HEALTH HAZ. | SAFETY HAZ. | EQUIP. DAMAGE | ENVIRONMET. IMPACT | HAZARD CONTROLS | WHAT PROTECTS YOU | ENG. CONTROL   | ADMIN. CONTROL | P.P. EQUIP. |   |
|                         | AVOID USING POWER TOOLS UNDER THE FOLLOWING CIRCUMSTANCES |   |                   |   |             |             |               |                    |                 |                   |  |                |             |   |
|                         | A   | TOOLS WITH FAULTY/DAMAGED POWER CORDS   |                   | CREATES UNNECESSARY ELECTRICAL HAZARDS - ELECTROCUTION, FIRE                                  |             | X           | X             |                    |                 |                   | PROPERLY GROUNDS & FUNCTIONAL ELECTRICAL SUPPLY. DEFECTIVE EQUIPMENT SWP                                   | X              | X           |   |
|                         | B   | TOOLS WITH DAMAGED GUARDS OR SAFETY DEVICES   |                   | CREATES INJURY RISK TO OPERATOR - LACERATION/CUT, AMPUTATION, CONTUSION/BRUISE                |             | X           |               |                    |                 |                   | SWP  |                | X           |   |
|                         | C   | WHILE WEARING LOOSE CLOTHING, JEWELLRY, OR LOOSE GLOVES WITHOUT TEAR AWAY OR BREAK AWAY PROPERTIES WITHOUT SECURING LONG OR FACIAL HAIR TO PREVENT SNAGGING |                   | ARTICLES CAN BECOME SNAGGED OR CAUGHT RESULTING IN POTENTIALLY SEVERE INJURY OR DISMEMBERMENT |             | X           |               |                    |                 |                   | PROPER PPE & SECURED CLOTHING  |                | X           | X |
|                         | D   | ENSURE TOOL IS POWERED OFF BEFORE PLUGGING IN TO POWER SOURCE   |                   | UNCONTROLLED TOOL MAY CAUSE INJURY OR DAMAGE TO MATERIALS OR PROPERTY                         |             | X           | X             |                    |                 |                   | FIELD HAZARD ASSESSMENT  |                | X           |   |
|                         | E   | DO NOT USE TOOLS IN DAMP OR WET LOCATIONS   |                   | CREATES ELECTROCUTION RISK WHICH COULD LEAD TO DEATH  |             | X           |               |                    |                 |                   | PROPER SKILL, TECHNIQUE, AND ERGONOMICS  |                | X           |   |
|                         | F   | UNLESS CONNECTED TO GFCI CIRCUIT  |                   |   |             |             |               |                    |                 |                   | SAFETY GUARDS & DEVICES  | X              |             |   |
|                         | G   | AVOID USING IN AWKWARD ERGONOMIC POSITIONS ON UNEVEN/LOOSE GROUND   |                   | POTENTIAL FOR INJURY BOTH ACUTE & LONG TERM - SPRAIN/STRAIN BACK AND LIMBS                    | X           | X           |               |                    |                 |                   | EYE PROTECTION   |                |             | X |
|                         | H   | AVOID USING TOOLS THAT ARE IMPROPERLY GROUNDED OR ARE MISSING THE GROUND PRONG  |                   | CREATES UNNECESSARY ELECTRICAL HAZARDS - ELECTROCUTION, FIRE                                  |             | X           | X             |                    |                 |                   |  |                |             |   |
|                         | I   | DO NOT CARRY A POWER TOOL BY THE POWER CORD   |                   | DAMAGES TOOL WHICH MAKE IT UNSAFE TO USE  |             |             | X             |                    |                 |                   | SWP  |                | X           |   |
|                         | J   | DO NOT ALLOW POWER CORDS AND EXTENSION CORDS TO BECOME A TRIPPING HAZARD, AND ENSURE CORDS WILL NOT CATCH OR GET CAUGHT UP DURING USE                       |                   | WORKER CAN TRIP OR GET HUNG UP WHICH MAY LEAD TO INJURY OR PROPERTY DAMAGE                    |             | X           | X             |                    |                 |                   | CONSULT HAA & SWP'S FOR SPECIFIC TOOLS SUCH AS CIRCULAR SAWS, RECIPROCATING SAW, GRINDERSS, POWER DRIVERS. | X              | X           | X |
|                         | *NOTE   | CONSULT HAA & SWP'S FOR SPECIFIC TOOLS SUCH AS CIRCULAR SAWS, RECIPROCATING SAW, GRINDERSS, POWER DRIVERS.  |                   |   |             |             | A             |                    |                 |                   | SAFETY EYE WEAR  |                |             | X |
|                         | *NOTE   | MANY POWER TOOLS PRESENT FLYING DEBRIS  |                   | SERIOUS EYE INJURY FROM FLYING DEBRIS & MATERIAL  |             | X           |               |                    |                 |                   | HEARING PROTECTION   |                |             | X |
|                         | *NOTE   | NOISE FROM MANY POWER TOOLS   |                   | HEARING LOSS  | X           |             |               |                    |                 |                   |  |                |             |   |

|               |  |  |                                 |  |                                    |  |  |  |        |                     |
|---------------|--|--|---------------------------------|--|------------------------------------|--|--|--|--------|---------------------|
| RATING SYSTEM | PROBABILITY/RISK RATING WITHOUT CONTROLS OR PROTECTION |  |                                 |  | SEVERITY/CONSEQUENCE RATING        |  |  |  | TOTALS | PRIORITY RATING /20 |
|               | 1  | LOW PROBABILITY (EXTREMELY REMOTE)                     | 1                               | FIRST AID ONLY/MINOR PROPERTY DAMAGE       |                                    |  |  |  |        |                     |
|               | 2  | LOW-MEDIUM PROBABILITY (REMOTE)                        | 2                               | MEDICAL AID/MINOR PROPERTY DAMAGE          |                                    |  |  |  |        |                     |
|               | 3  | MEDIUM PROBABILITY (MIGHT OCCUR)                       | 3                               | LOST TIME INJURY/MAJOR PROPERTY DAMAGE     |                                    |  |  |  |        |                     |
|               | 4  | MEDIUM-HIGH PROBABILITY (LIKELY WILL OCCUR EVENTUALLY) | 4                               | PERMANENT DISABILITY/MAJOR PROPERTY DAMAGE |                                    |  |  |  |        |                     |
|               |  | 5  | HIGH PROBABILITY ( WILL OCCUR ) | 5  | FATAL/CATASTROPHIC PROPERTY DAMAGE |  |  |  |        |                     |
|               | 3  | HEALTH   | 2                               | HEALTH                                     | 5                                  |  |  |  |        |                     |
|               | 3  | SAFETY   | 5                               | SAFETY                                     | 8                                  |  |  |  |        |                     |
|               |  |  |                                 |  |                                    |  |  |  |        |                     |
|               |  |  |                                 |  |                                    |  |  |  |        |                     |