|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Task/Activity/Environment:**  **Removal of engine from Quad Bike** | | | **Location: G100** | | | **Date of Assessment: 27th September 2017** | |
| **Identify Hazards which could cause harm:** | | | **Identify risks = what could go wrong if hazards cause harm:** | | | | |
| **No.** | Hazard | | **No.** | Risk | | | |
| **1** | Physical | |  | Parts/engine fall to ground | | | |
| **2** | lighting | |  | Unable to see clearly | | | |
| **3** | Abrasive/oil contamination | |  | Dirty hands/oil spill | | | |
| **4** | Handling of heavy parts | |  | Engine block could fall to ground | | | |
|  |  | |  |  | | | |
|  |  | |  |  | | | |
|  |  | |  |  | | | |
|  |  | |  |  | | | |
| **List groups of people who could be affected:**  **Formula E students & staff member P.H.Walker** | | | | | | | **What numbers of people are involved?**  **2-3** |
| **What risk controls are in place to reduce risks?** | | | | | | | Risk level with risk controls |
| **No.** | | Risk Control | | | | |  |
| **1** | | Wearing of steel toe cap boots | | | | | Acceptable |
| **2** | | Introduce additional lighting | | | | | Acceptable |
| **3** | | Mandatory use of Nitrile rubber gloves and lab coats | | | | | Acceptable |
| **4** | | Use of supervised lifting equipment (fork truck & holding straps) | | | | | Acceptable |
|  | |  | | | | |  |
|  | |  | | | | |  |
|  | |  | | | | |  |
|  | |  | | | | |  |
| **What additional actions are required to ensure risk controls are implemented/effective or to reduce the risk further?** | | | | | | | Risk level with additional risk controls |
| **No.** | |  | | | | |  |
|  | |  | | | | |  |
|  | |  | | | | |  |
|  | |  | | | | |  |
|  | |  | | | | |  |
| **Is health surveillance required?**  **YES/NO No** | | | | | If YES, please detail: | | |
| **Who will be responsible for implementing risk controls:**  **P.H.Walker** | | | | | | | **By When: Before any Formula E student starts work** |

|  |  |  |  |
| --- | --- | --- | --- |
| Completed by: | **P.H.Walker** | **Signed:** | **P.Walker** |
|  |  |  |  |
| Record of annual review: | **27th September 2017** |  |  |

*Risk Rating*:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Increasing Consequence | **5** | **10** | **15** | **20** | **25** | | **4** | **8** | **12** | **16** | **20** | | **3** | **6** | **9** | **12** | **15** | | **2** | **4** | **6** | **8** | **10** | | **1** | **2** | **3** | **4** | **5** | |  | Increasing Likelihood | | | | | | **17-25** **Unacceptable** – Stop activity and make immediate improvements/seek further advice |
| **10-16** **Tolerable** – look to improve within specified timescale |
| **5-9** **Adequate** – Look to improve at next review |
| **1-4** **Acceptable** - No further action, but ensure controls are maintained |

*Guide to using the risk rating table:*

|  |  |
| --- | --- |
| **Consequences** | **Likelihood** |
| **1 Insignificant** – no injury | **1 Very unlikely** – 1 in a million chance of it happening |
| **2 Minor** – minor injuries | **2 Unlikely** – 1 in 100,000 chance of it happening |
| **3 Moderate** – up to three days absence | **3 Fairly likely** – 1 in 10,000 chance of it happening |
| **4 Major** – more than three days absence | **4 Likely** – 1 in 1,000 chance of it happening |
| **5 Catastrophic** – death or disabling | **5 Very likely** – 1 in 100 chance of it happening |