**Task Based Risk Assessment**

**Rescues From Height**

This risk assessment will inform safe systems of work by objectively identifying appropriate, proportionate risk controls that will be considered when carrying out operational work activities. ‘Operational work activities’ include training courses, drills, exercises and operational incidents.

This risk assessment will be reviewed on the date given or if there is reason to suspect it is no longer valid or there have been significant change[s] to related matters.

|  |  |
| --- | --- |
| **Activity Brief** | To be used in conjunction with All Incident Actions TBRA, Health hazards and Rescue of Trapped Persons TBRA. |

Use this matrix to complete the ‘risk level calculation’ in the table below:

|  |  |  |
| --- | --- | --- |
|  |  | **Severity** |
| **Likelihood** |   | 1 = Minor injury | 2 = Moderate injury | 3 = Significant injury | 4 = Major injury/loss | 5 = Catastrophic injury/fatality |
| 1 = Rare | L | L | L | M | M |
| 2 = Unlikely | L | M | M | H | H |
| 3 = Possible | L | M | H | H | VH |
| 4 = Probable | M | H | H | VH | VH |
| 5 = Highly Probable | M | H | VH | VH | VH |

|  |
| --- |
| **Actions to be taken:** |
| * 1. Low (L)
 |  | Low priority for further control measures but monitor whether all reasonably practicable controls are in place |
| 4-6 Moderate (M) |  | Consider what further control measures may be available and implement any further control measures that are reasonably practicable  |
| 8-12 High (H) |  | A higher priority for further control measures which must be considered unless they are not reasonably practicable  |
| 15-25 Very High (VH) |  | High-risk activities that require considerable justification to be carried out and significant control measures need to be in place. Saveable life risk is likely to be involved. |

 North Yorkshire[x]  West Yorkshire[ ]  South Yorkshire[ ]  Humberside[ ]

| **Part A – Generic Risk Assessment [Applies to the Region]** |
| --- |
| **Task** | **Hazards** | **Persons affected** | **Existing generic risk controls** | **Service specific controls** | **Residual risk level calculation** | **Adequate Y/N** |
| **L** | **S** | **R** |
| Rescue from Height  | * Fall from Height
 | * Operational personnel
* Members of public
 | * Hierarchy of control
* Select the most appropriate working at height equipment for the activities and hazards identified
* Personnel working at height must be secured by ropes or work positioning equipment
* Suitably trained crews to undertake specialist tasks
* Apply spotter/safety officer
* Emergency provision in place before any planned work at height
* Suitable anchor points
* Appropriate PPE
* Suitable protection used where possible
* Crews briefed
* Incident specific ARA to be completed and communicated
 |  | 1 | 5 | M | Y |
| Rescue from Height  | * Suspension intolerance
 | * Operational personnel
* Members of public
* Other agencies
 | * Select the most appropriate working at height equipment for the activities and hazards identified
* Emergency provision in place before any planned work at height
* Early request for HART to support operations
* Recognition of the signs and symptoms of Suspension intolerance
* Appropriate PPE
* Safety officer appointed
* Appropriate specialist teams and equipment
 |  | 1 | 5 | M | Y |
| Rescue from Height  | * inadequate Lightning
 | * Operational personnel
* Members of public
* Other agencies
 | * Consider stopping activities
* Suitable lighting available on fire appliances
* PPE
* Crews fully briefed
 |  | 2 | 3 | M | Y |
| * Unstable structure
 | * Operational personnel
* Members of public
* Other agencies
 | * Monitor stability of structure
* Minimum number in risk area
* Emergency procedures in place
* Request USAR TacAd
* Request structural engineer
* Safety officer
* Cordon
 |  | 1 | 5 | M | Y |
| Working in an area where working at height is in progress | * Objects falling from height
 | * Operational personnel
* Other agencies
 | * Establish maintain and review cordons
* Avoidance routes
* Securing Items of equipment that are required for working at height
* Appropriate PPE
* Crews fully briefed
 |  | 2 | 3 | M | Y |
| Working on or near masts or towers or wind turbines | * Struck by moving blades
 | * Operational personnel
 | * Hierarchy of control
* Isolation and secure against reconnection
* Cordons
* SME from Utility company
* Minimum personnel
* Do not enter risk area until system has been isolated
* PPE
* Crews briefed
 |  | 1 | 5 | M | Y |
| * Radiation
 | * Operational personnel
 | * Observe and adhere to any warnings
* Cordons
* Training
* Isolate power to radio mast or tower before commencing operations
* Crews to wear dosimeter
* Time, distance, shielding to be adhered to
 |  | 1 | 5 | M | Y |

|  |  |
| --- | --- |
| **Subject Matter Expert[s] consulted for part A:** | **Date:** |
| **North Yorkshire** | xxxxxx(HSE manager), xxxxxx (HSE practioner), xxxxxx (FBU HSE rep) | 16/02/2019v115/05/2020v202/10/2020v3 |
| **West Yorkshire** | OHSU xxxxxx, GM xxxxxx | 02/10/2020v3 |
| **South Yorkshire** |  |  |
| **Humberside** |  |  |

| **Part B – Specific Risk Assessment [Applies to an individual Service]** |
| --- |
| **Task** | **Hazards** | **Persons affected by or exposed to the hazard[s]** | **Existing risk controls** | **Residual risk level calculation** | **Further Action** |
| **L** | **S** | **R** |
|  |  |  |  |  |  |  |  |
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| --- | --- |
| **Subject Matter Expert[s] consulted for part B:** | **Date:** |
| free text | Drop down date |

|  |  |  |
| --- | --- | --- |
| **Further Actions (in order of appearance):** |  |  |
| **Owner** | **Action**  | **Risk after further control measures** | **Date** |
| **L** | **S** | **R** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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| **Document History** |
| --- |
| **This Version:** | **Date:** | **Author of changes:** | **Summary of changes:** |
| 3.0 | 02/10/2020 | xxxxxx | Final edition |
| **Previous Versions:** | **Date:** | **Author of changes:** | **Summary of changes:** |
| 1.02.0 | 16/02/201915/05/2020 | xxxxxxxxxxxx | First edition4x4 Risk matrix amended to 5x5  |
| **Review Period:** |  |  |  |