

07/08/2015

Risk Assessment

Assessor Name Vladislav Melnicov
Operation/Work Task IRATA Rope Access Training Course
Location Unit 3, Ballyconnell Industrial Estate,
Falcarragh, Co. Donegal, Ireland



Risk Assessment SW4Y_RA_FR_056

Assessment Date	07/08/2015	Height	8m	Structural /Natural Feature	Indoor Training Venue
Assessor Name	Vladislav Melnicov	IRATA Number	3/14XXX/i	Duration	5 days
Location	Unit 3, Ballyconnell Industrial Estate, Falcarragh, Co. Donegal, Ireland			Working Environment	Indoor Training
Operation/Work Task	IRATA Rope Access Training Course			Weather Issues	N/A
Personel Requirement	IRATA 2 x Level 3 Trainers, 10 Trainees			Assessor Signature	

Activity/Hazard	Hazard Effect	People at Risk	Risk Value	Control Measures	Residual Risks
General Training Center Safety/Injury	Fatality, Serious injury	Other people, Rope access Trainee, Rope access Trainer	3 x 5 = 15 HIGH	Training center safety induction prior to commencement of training. Trainer to emphasize and point out hazards out during training.	1 x 5 = 5 LOW
General/Potential fall from height	Fatality, Serious injury	Other people, Rope access Trainee, Rope access Trainer	3 x 5 = 15 HIGH	Use of IRATA system with working and back-up ropes as per written procedure and current IRATA code of practice. Structural and or tested anchor points, rope protectors. Use of suitable equipment in good working condition.	1 x 5 = 5 LOW
Training Rescue/Suspension intolerance	Fatality, serious injury	Rope access Trainee	3 x 5 = 15 HIGH	Competent rescue personnel must be present at training venue during the training, this is normally IRATA Level 3T Trainer. If two people using same descender, extra friction must be used. Use workseat for all "live" casualty.	1 x 5 = 5 LOW
Manual Handling/Injuries	Manual handling, muscular-skeletal injuries	Other people, Rope access Trainee, Rope access Trainer	3 x 3 = 9 MEDIUM	Clear instructions to be given at tool box talks, planned lifts, Trainees to perform warm-up exercises before undertaking any strenuous Activity. Appropriate techniques to be used to lift, haul and lower loads.	2 x 3 = 6 LOW
Working at height/Dropped objects	Impact injuries, damage to equipment	Rope access Trainee, Rope access Trainer	4 x 3 = 12 MEDIUM	Work in accordance with the written procedure, tools and equipment secured by lanyard, secured haul sacs to be used, heavy items over 8 kg., to be independently secured on the extra rope. All trainees in the training venue to wear appropriate helmets. Do not stand directly under any lifting operations. Third parties to be kept clear using exclusion zone.	1 x 3 = 3 LOW

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Activity/Hazard	Hazard Effect	People at Risk	Risk Value	Control Measures	Residual Risks
Training/Slips Trips	Fatality, serious injury	Other people, Rope access Trainee, Rope access Trainer	3 x 5 = 15 HIGH	Good house keeping eliminating trip hazards. Trainer to emphasize the need to not allow rope access equipment to trail creating a trip hazard.	1 x 5 = 5 LOW
Training/Fire	Fatality, serious injury	Other people, Rope access Trainee, Rope access Trainer	3 x 5 = 15 HIGH	No hot work without permit. Location of fire extinguishers to be pointed out. Evacuation procedure and assembly point out. Evacuation procedure and muster point to be communicated at site induction.	1 x 5 = 5 LOW
Persons not involved in training process/Injury	Serious injury	Other people	3 x 3 = 9 MEDIUM	Third party persons (public), must stay behind barriers, or wear helmet and PPE equipment. Signage indicating danger men working overhead, or men work below, to be displayed at the areas were third parties have access.	1 x 3 = 3 LOW

Risk matrix table

		Severity				
		1	2	3	4	5
Likelihood	1	1 LOW	2 LOW	3 LOW	4 LOW	5 LOW
	2	2 LOW	4 LOW	6 LOW	8 MEDIUM	10 MEDIUM
	3	3 LOW	6 LOW	9 MEDIUM	12 MEDIUM	15 HIGH
	4	4 LOW	8 MEDIUM	12 MEDIUM	16 HIGH	20 HIGH
	5	5 LOW	10 MEDIUM	15 HIGH	20 HIGH	25 HIGH

Key

Likelihood

- 1 Highly unlikely to occur
- 2 Possibility remote but has occurred
- 3 Very infrequently
- 4 Occasionally
- 5 Frequently and regularly

Severity

- 1 Minor injury, no time off work
- 2 Injury resulting in up to three days off work
- 3 Injury resulting in more than three days off work
- 4 Major disabling injury (e.g. loss of a limb or an eye)
- 5 Fatality

Risk value	Recommended action
LOW (1 to 6)	May be acceptable; however, review the task to see if the risk can be reduced further.
MEDIUM (8 to 12)	Where possible, the task should be redefined to take account of the hazards involved or the risk should be reduced further, prior to task commencement. Appropriate management authorization after consultation with specialist personnel and an assessment team may be required.
HIGH (15 to 25)	Unacceptable. The task should be redefined or further control measures put in place to reduce the risk. The controls should be re-assessed for adequacy, prior to task commencement.