



LONDON FIRE BRIGADE

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**Operational Procedures**

**Risk Assessment – Pandemic Multi-Agency Response Team (LFB Member) (PMART)**

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User Department: OP&A

Created by:

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### Document History

A review of this risk assessments will be undertaken at specified time intervals, following any accident, injury or near miss or where no longer deemed relevant.

Version	Date of Issue	Author(s)	Reason for Issue
1.0	08 April 2020		Initial RA document
3.0	14 April 2020		Change to updated RA form

## Generic Controls

The generic controls, listed below, apply throughout this risk assessments developed for use with London Fire Brigade. These control measures apply across all training and operations likely to be undertaken by personnel using the equipment and procedures and are reflected in the written procedural guidance developed by the London Fire Brigade. Where specific exceptions apply to these generic statements they will be included in the risk assessment for that item of equipment or procedure/activity.

1. All personnel will wear correct PPE
2. Personnel involved in the activity will have received **information, instruction & training** in the safe use of the equipment and safe systems of work
3. All equipment used will have been the subject of appropriate inspection, maintenance and servicing regime.
4. Personnel involved to have received manual handling training
5. All personnel will have received LFB Dynamic Risk Assessment Training.

### Persons affected by the hazard are as follows:-

- **A** – LFB personnel involved in the activity
- **B** – Partner agency personnel
- **C** – Others

RISK ASSESSMENT			
<b>Description of activity, process or equipment assessed and associated documentation:</b>	This risk assessment identifies the significant hazards that LFB personnel may come across whilst delivering the services of a Pandemic Multi-Agency Response Team (PMART) member. It gives the control measures to be implemented to ensure the risks that LFB personnel are exposed to are as <b><u>low as reasonably possible (ALARP)</u></b> .	<b>Date prepared:</b>	<b>April 2020</b>
<b>Associated documentation:</b>	Specific documents relating to this activity:  Description of duties for a member of PMART. List of PPE required to undertake the role of PMART member	<b>Review Date:</b>	<b>May 2020</b>

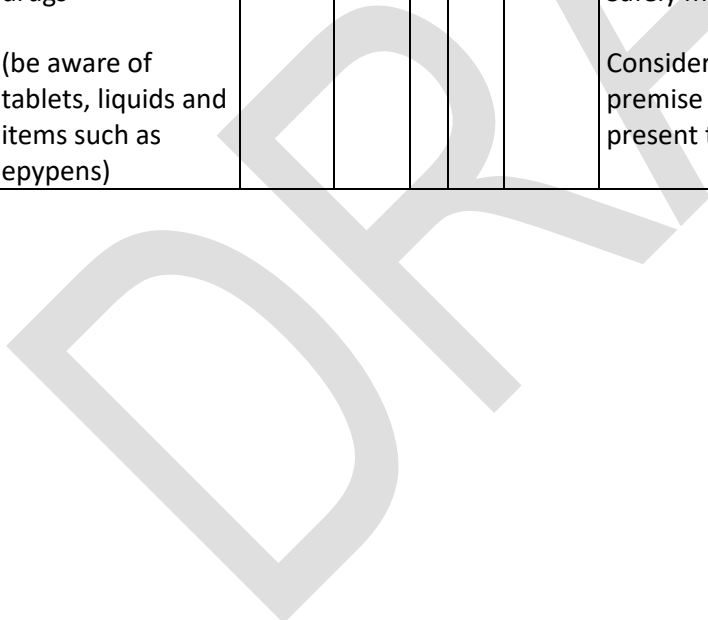
				Initial Rating –No Controls				Amended Rating - Controlled				ALARP Y/N	If ALARP = N Enter additional control(s) required or implemented	
Activity	Hazard(s)	Consequence/ Impact	Person at Risk	Sev	L	R	Rating H,M,L	Control Measures	Sev	L	R			Rating H,M,L
Operating the PMART vehicle	Unfamiliarity of vehicle provided	Unintentional consequence of operating unfamiliar vehicle resulting in unwanted damage and / or RTC injury	A,B,C	3	4	12	M	LFB personnel will not be required to drive vehicle as member of PMART, however they will familiarise themselves with the vehicle, this will be done with MPS personnel who are providing the vehicles	3	1	3	L	Y	
Attending unfamiliar venues for training or to operate from	Unfamiliarity with building layout and facilities	Slip trips and falls, Accidental access into restricted areas	A,B	1	3	3	L	<p>Guided tour of building</p> <p>Safety brief including evacuation points, access and egress routes, evacuation alarm testing regime and house rules.</p> <p>Identification of welfare facilities, including toilets and canteen facilities</p> <p>Access cards or keys to be issued if required.</p> <p>Car parking and /or public transport facilities to be confirmed</p>	1	1	1	L	Y	

				Initial Rating –No Controls				Amended Rating - Controlled				ALARP Y/N	If ALARP = N Enter additional control(s) required or implemented	
Activity	Hazard(s)	Consequence/ Impact	Person at Risk	Sev	L	R	Rating H,M,L	Control Measures	Sev	L	R			Rating H,M,L
Arrival at 'incident'	Assault by person or animal at premise on arrival	Injury caused by animal attack, or by person(s)	A,B,C	4	2	8	M	<p>LFB personnel not to enter premise until MPS personnel have confirmed it is safe to do so (consideration should be given to waiting in or close to vehicle) and all animals in the premise have been safely restrained or isolated.</p> <p>MPS member of PMART to consider using existing MET intelligence to identify any known risks as the premise (would only be considered if there was reason to suspect) MPS to use their existing procedure where a risk is confirmed</p> <p>Not to be deployed to any job if there is any reference to weapon's, violent residents or any other red flags within the notification system.</p> <p>Consider waiting until LAS has confirmed life extinct before entering.</p> <p>Ensure MPS member of PMART identifies safe access route into premises after they have confirmed it is safe to enter.</p>	4	1	4	L	Y	

				Initial Rating –No Controls				Amended Rating - Controlled				ALARP Y/N	If ALARP = N Enter additional control(s) required or implemented	
Activity	Hazard(s)	Consequence/ Impact	Person at Risk	Sev	L	R	Rating H,M,L	Control Measures	Sev	L	R			Rating H,M,L
Attending to casualty(s)	Experiencing a number of deceased persons in a short period of time	Negative effect on welfare (stress)	A,B	4	3	12	M	<p>Pre screening by LFB Advice and Counselling and / or HML</p> <p>Debriefing of each job facilitated by suitable persons</p> <p>Rotation of personnel undertaking this role Telephone contact at the end of each shift (or tour) by duty counsellor</p> <p>Self referral to Advice and Counselling or HML be made available to LFB personnel</p> <p>Managers to suggest a referral to Advice and Counselling or HML if someone shows signs or symptoms of negative responses to the work experience</p> <p>Consider asking local manager at fire station to contact individual to undertake a welfare conversation – get feedback from local manager</p> <p>Mailshot (email, text or letter) to all personnel undertaking a role with PMART giving signpost information to services both internal and external and TRIM practitioners</p> <p>If someone reports sick for any mental health reason, immediate referral to HML consider not allowing back as a member of PMART until advice has been received from HML</p>	4	2	8	M	Y	

				Initial Rating –No Controls				Amended Rating - Controlled				ALARP Y/N	If ALARP = N  Enter additional control(s) required or implemented	
Activity	Hazard(s)	Consequence/ Impact	Person at Risk	Sev	L	R	Rating H,M,L	Control Measures	Sev	L	R			Rating H,M,L
Processing casualty	Contact with bodily fluids through absorbtion, ingestion, or inhalation.           Needle stick/sharps injuries	Transmission of infectious diseases,	A,B	4	3	12	M	<p>Ensure first aid processes are followed, first aid provision in vehicle, ensure it is stocked correctly before start of shift</p> <p>Ensure any pre-existing injuries are protected or consider taking person OTR if satisfactory level of protection cannot be guarenteed</p> <p>Vaccination for some diseases (hepatitis b as a priority) See extra control measure opposite</p> <p>Designated PPE (as noted in list of PPE required to undertake the role of PMART member) to be worn correctly and throughout the activity</p> <p>Workwear to be worn under PPE</p> <p>Follow training that has been given in processing the casualty</p> <p>Follow clinical decontamination procedures</p> <p>Spare PPE to be available in vehicle</p> <p>Ensure correct disposal method of used PPE is followed</p> <p>Restock PPE on return to base</p> <p>Confirm with persons within premise to identify if any sharps are present and their purpose</p> <p>Be aware of sharps being positionned inappropriately in presises (door handles, within duvets etc.)</p> <p>Seek additional medical guidance for needle stick injuries (policy 707) this could include attending hospital as soon as practical if required.</p> <p>Contact Occupational Health as soon as practicable to ensure ongoing health monitoring.</p> <p>All members of PMART are trained in first aid</p> <p>Avoid/limit contact with others in the premise</p> <p>Ensure social distancing takes place</p> <p>Use wipes and gel to disinfect after any contact and at the end of each job</p>	4	1	4	L	Y	

				Initial Rating –No Controls				Amended Rating - Controlled				ALARP Y/N	If ALARP = N Enter additional control(s) required or implemented	
Activity	Hazard(s)	Consequence/ Impact	Person at Risk	Sev	L	R	Rating H,M,L	Control Measures	Sev	L	R			Rating H,M,L
Processing casualty	Intimidation or physical violence from members of casualty's family or others in premise	Physical injury Psychological Injury	A,B	4	2	8	M	Risk assessment on scene (DRA)  Withdraw if deemed necessary, consider withdrawal to a place of safety.  Ask MPS member of PMART to request extra resources to control the situation safely. Debrief of incident	4	1	4	L	Y	
Processing casualty	Perscription or illegal drugs present near the casualty or in the vicinity of the work area	Unitencial contact, ingestion or absorbtion of drugs  (be aware of tablets, liquids and items such as epppens)	A,B	3	2	6	L	Identify any drugs or treatment paraphernalia in the vicinity.  Safely move items away from the work area  Consider asking other residents of the premise who are aware of the nature of items present to move items to a safe area.	3	1	3	L	Y	





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Activity	Hazard(s)	Consequence/ Impact	Person at Risk	Sev	L	R	Rating H,M,L	Control Measures	Sev	L	R			Rating H,M,L
Equipment and casualty movement	Moving and lifting of casualties of unknown weight. Moving and transporting equipment	Musculoskeletal injuries.	A,B	3	3	9	M	<p>All staff have undertaken manual handling training</p> <p>Dynamic manual handling risk assessment to be undertaken if the load presents significant challenges for the team</p> <p>Consider requesting extra resources in some scenarios (e.g. bariatric casualties, limited space) or if premise presents a safety risk from its state of repair or other factors such as hoarding</p> <p>Team lifting and moving</p> <p>Ensure vehicle carrying equipment is parked as close as possible to where equipment is required.</p>	3	2	6	L	Y	
Equipment use and operation	Cross contamination from equipment	Infection with viruses such as Covid 19	A,B	4	2	8	M	<p>All procedures related to being part of PMART to be followed.</p> <p>All equipment and hard surfaces in the vehicle to wiped with alcohol wipes or other suitable produce to eliminate any viruses, after each job, at start and end of shift.</p>	4	1	4	L	Y	

Ranking risks is necessary in order to identify their relative importance. The degree of risk associated with a particular hazard depends on the likelihood of it causing an accident and the probable severity of the consequence of such an accident. The focus in applying this methodology is the risk faced by a single typical member of the Occupation responsible for carrying out the task giving rise to the hazard.

This ranking system involves classifying likelihood (in terms of frequency) and severity each on a five point scale and then multiplying them both together to give the risk ranking as follows:

		SEVERITY				
		5 Single or multiple fatalities	4 Major disabling injury	3 Injury resulting in 3 or more days off	2 Minor Injury	1 Accident or near miss with no harm arising
LIKELIHOOD	5 Very likely to occur	25	20	15	10	5
	4 Probable	20	16	12	8	4

This matrix gives possible ranking values as follows:

**RISK = SEVERITY x LIKELIHOOD**

<b>3</b> Possible	15	12	9	6	3
<b>2</b> Remote	10	8	6	4	2
<b>1</b> Improbable	5	4	3	2	1

The ranking values can then be grouped into three broad classes of risk:

		RATING
Critical Risks	16 – 25	HIGH
Significant Risks	8 – 15	MEDIUM
Minor Risks	1 – 7	LOW

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## RISK TERMINOLOGY

Term	Definition
Accident	An unplanned and uncontrolled event which gives rise to harm.
Consequence or impact	The outcome of an accident.
Controls	Measures that may be introduced with the intention of reducing risk.
Harm	Any kind of safety loss, including fatalities and injuries
Hazard	Anything with the potential to cause harm (or loss).
Incident/ Near miss	An unplanned and uncontrolled event that does <b>not</b> give rise to harm, but which under different circumstances <b>could</b> have resulted in an accident.

Term	Definition
Likelihood (L)	The number of occasions on which a given event is expected to occur over a given time.
Mitigation	Reduction in risk due to the introduction of risk controls.
Rating	The rate given to the control measures associated with the hazard and risk; either High, Medium or Low
Result (Res)	The result based on the existing control measures or prior to implementing further control measures, in order to reclassify the rating to achieve the desired result. Being either: <ul style="list-style-type: none"> <li>▪ 'H' High Risk</li> <li>▪ 'M' Medium Risk</li> <li>▪ 'L' Low Risk</li> </ul>
Risk (R )	A combination of the likelihood of the harm occurring and the severity of the consequences.
Severity (Sev)	A measure of the significance of consequences.