Procedure for Fire & Safety Maintenance Programme

Procedure No. 207

	Print Name	Title	Date
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INTRODUCTION

The purpose of this procedure is to outline the risk estimation methods used to calculate the priority of Fire and Safety Maintenance Works.

Scope

This procedure applies to all Fire and Safety Maintenance Works in the Health Service Executive, Mid-Western Area.

Responsibility

It is the responsibility of the General Management of the relevant area and the Technical Services Staff to ensure that correct priority is given to maintenance programmes.

PROCEDURE

1.0 Fire Safety

Risk Estimation Method used to calculate priority of Works:

=Frequency of Exposure x Risk Rating x Maximum Probable Damage x Number of Persons at Risk

= FE X RR X MPD X NP

Scale 1 -10

Frequency of Exposure	Risk Rating	Maximum Probable Damage	Number of Persons at Ris
Constantly = 1	Fatality = 10	Total Loss of Premises = 10	More than 50 =10
Hourly =	Loss Of Limbs = 6	50% Loss of Premises = 6	25 to 50 = 8
Daily = 4	Serious Illness = 6	Minor Damage to Premises = 4	10 to 25 = 6
Weekly =	Broken Bones = 4	Nuisance Damage to Premises = 2	5 to 10 = 4
Monthly =	Minor Illness = 2	Disruption of Work = 1	1 to 5 = 2

Hazard Rating Number:

5,000 **Stop the activity**

4,000 **Immediate Action**

3,000 **Action within the day & Warning Notice & Supervision**

2,000 **Action one week & Warning Notice & Supervision**

1,000 **Action one month & Warning Notice**

500 **Action three months & Warning Notice**

250 **Action Six Months & Warning Notices**

100 **Action within one year**

10 **Accept Risk**

Example: FE = 4, RR = 4, MPD = 6, NP =8. **= 4** x **4** x **6** x **8 =768**
Action: one Months and Warning Notice*

Priority 1 = > 1000
Priority 2 = > 500

Priority 3 = > 250

Fire Safety Worksheet

Risk Estimation Method used to calculate priority of Works:

=Frequency of Exposure x Risk Rating x Maximum Probable Damage x Number of Persons at Risk
= FE X RR X MPD X NP

Scale 1 -10

Location	F.E	R.R	M.P.D	N.P	Total	Budget Cost

Physical Infrastructure

Risk Estimation Method used to calculate priority of Works:

=Frequency of Exposure x Risk Rating x Number of Persons at Risk

= FE X RR X NP

Scale 1 -10

Frequency of Exposure	Risk Rating	Number of Persons at Risk
Constantly = 10	**Fatality = 10**	**More than 50 =10**

Hourly	**= 8**	**Loss Of Limbs**	**= 6**	**25 to 50**	**= 8**
Daily	**= 4**	**Serious Illness**	**= 6**	**10 to 25**	**= 6**
Weekly	**= 2**	**Broken Bones**	**= 4**	**5 to 10**	**= 4**
Monthly	**= 1**	**Minor Illness**	**= 2**	**1 to 5**	**= 2**

Hazard Rating Number:

500 **Stop the activity**

200 **Immediate Action**

100 **Action within the day & Warning Notice & Supervision**

50 **Action one week & Warning Notice & Supervision**

20 **Action one month & Warning Notice**

10 **Action three months & Warning Notice**

5 **Action Six Months & Warning Notices**

Example: FE = 2, RR = 4, NP = 4. = 2 x 4 x 4 =32
Action: One Week & Warning Notice & Supervision *

Priority 1 = > 100
Priority 2 = > 50
Priority 3 = > 10

Physical Infrastructure Worksheet
Risk Estimation Method used to calculate priority of Works:
=Frequency of Exposure x Risk Rating x Number of Persons at Risk
= FE X RR X NP

Scale 1 -10

Location	F.E	R.R	N.P	Total	Budget Cost

Reference:

The Risk Estimation Method detailed in this procedure has been adapted from "The Irish Health and Safety Handbook" (2nd Edition) by Dr. Thomas N. Garavan, University of Limerick.