

MODULE 5 : ESTIMATE RISK BEFORE AND AFTER IMPLEMENTING PREVENTIVE MEASURES

Company Name: IRSST

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Name of confined space: Manhole

Work to be done: Valve closing

Description of work: It is necessary to close the water pipe valve to carry out downstream work

■ CONFINED SPACE

Hazard category

Hazard type

Hazard characteristics

**BEFORE the
introduction of
preventive measures**
Risk estimation

**AFTER the
introduction
preventive measures**
Risk estimation

Atmospheric

Asphyxiation

An asphyxiant is present in the confined space even before entering.

3

1

Biological

Bioaerosols

Decomposition products, sediments, pathogens, etc., are present in the confined space even before entering.

2

1

Chemical

Poisoning

Decomposition products, sediments, pathogens, etc., are present in the confined space even before entering.

3

2

Ergonomic

Insufficient light – Poor visibility

The lighting is insufficient in the confined space.

1

1

Fall

Fall from height

Entry into the confined space must be done vertically.

4

1

Mechanical

Outside traffic

The work area around the entrance is exposed to road traffic.

2

1

Physical

Drowning

The use or general layout of the confined space involves a drowning hazard.

2

1

TASK

Hazard category

Hazard type

Hazard characteristics

**BEFORE the
introduction
preventive measures**

Risk estimation

**AFTER the
introduction of
preventive measures**

Risk estimation

Fall

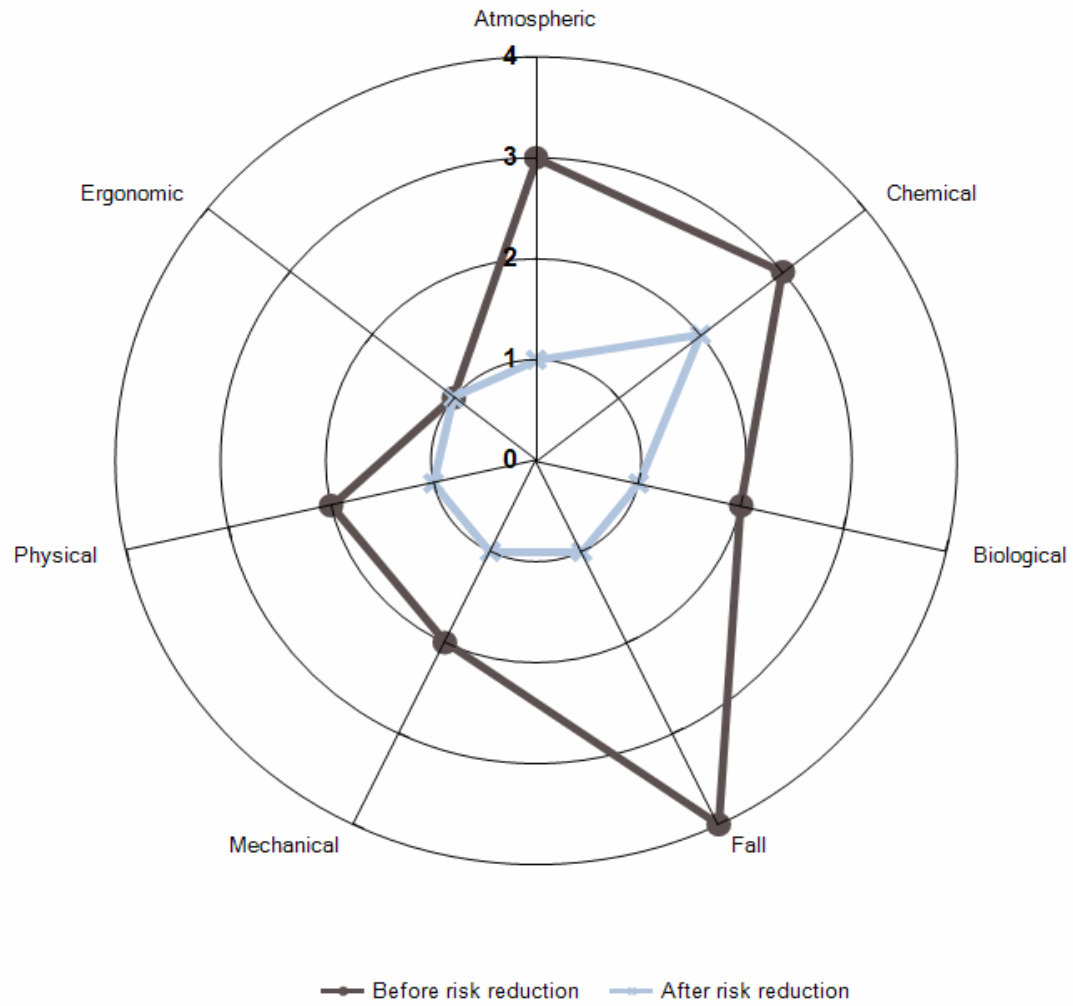
Fall from height

Progression in the confined space is vertical.

3

1

Estimated risks before and after the introduction of preventive measures



	Before risk reduction	After risk reduction
Atmospheric	3	1
Chemical	3	2
Biological	2	1
Fall	4	1
Mechanical	2	1
Physical	2	1
Ergonomic	1	1

Risk level
0=No risk 4=High Risk