

Revision 01
March 2023

BCA

Business Continuity Assessment

Assessment of the risks of interruption and resumption of the activities

Manager BCA

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Work Group

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Content

- **0.** Risk level and action chart.
- **1. ÷ 5.** Examined risk aspects.
- **6.** Corrective / ameliorative measures to plan / schedule.

0. Risk level and action chart

Synthetic Indicator	Risk level and consequent actions	
Risk R4	Serious risk	→ Undelayable corrective actions.
Risk R3	Important risk	→ Necessary corrective actions to be planned quickly.
Risk R2	Medium risk	→ Corrective / ameliorative measures to plan after the intervention on the major risks.
Risk R1	Low / negligible risk	→ Corrective / ameliorative actions to plan after the intervention on the major risks.

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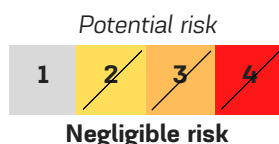
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1. ÷ 5. Examined risk aspects

1. External risks

1.1 Earthquake

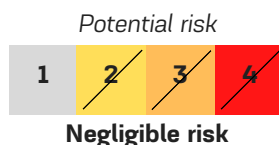
- Earthquake risk in Lombardy region raised from "0" to "1" at the beginning of year 2012.
- Never recorded major earth tremors in the area where the company is located.



Notes and actions
-None

1.2 Fire from outside

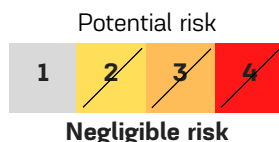
- The company is not bordering with any other one and far from other plants.



Notes and actions
-None

1.3 Flooding

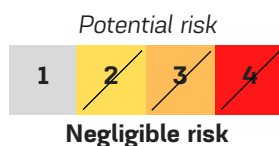
- The company is placed in an industrial area.
- The Oglio river is over 300 meters away and at a lower level.



Notes and actions
-None

1.4 Downpour

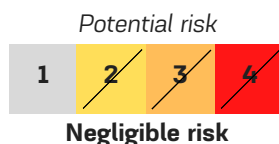
- The company is placed in an industrial area that is orographically not much affected by downpour.



Notes and actions
-None

1.5 Wind and tornado

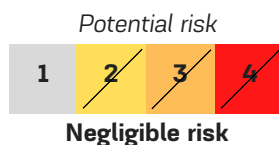
- The company is located in an industrial area that is orographically protected, never affected by strong winds or tornado.



Notes and actions
-None

1.6 Snow

- Low altitude on sea level and winters with few snow except very rare cases.



Notes and actions
- We will consider to include in the emergency plan the case of abundant snow.

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1.7 Pandemic diseases

- Recent pandemic case Covid-19.

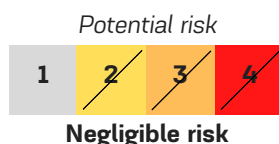


Notes and actions

- Emergency committee always present.
- Covid emergency plan implemented and ready to be activated.

1.8 Electrical blackouts

- Rare cases in the last years and short duration (few minutes).



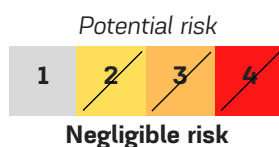
Notes and actions

- None

2. Internal risks

2.1 Fire from inside

- the company has a medium risk of fire with legal obligation of S.C.I.A. (notice of commencement of work) to the fire brigade.
- The company has an own firefighting plane approved and sent with S.C.I.A. (notice of commencement of work) to the fire brigade.

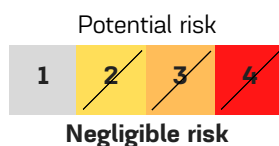


Notes and actions

- None

2.2 Flooding of internal origin

- Limited use of water.

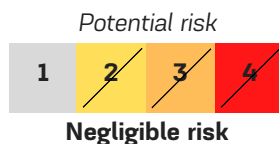


Notes and actions

- None

2.3 Theft of raw materials

- Raw materials are low attractive to potential thefts.
- As precaution we have a guardian with an adjoining house and an anti-theft system.

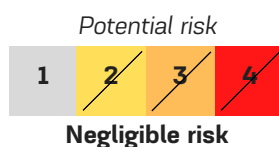


Notes and actions

- None

2.4 Theft of company equipment

- Company equipment (machinery included) are low attractive for potential thefts.
- As precaution we have a guardian with an adjoining house and an anti-theft system.



Notes and actions

- None

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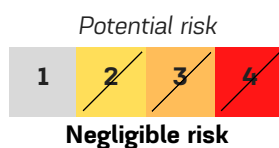
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2.5 Malicious damage and outrage

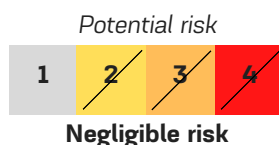
- In the company and in the areas around there have never been malicious damages.



Notes and actions
-None

2.6 Widespread disease (excluding pandemic 1.7)

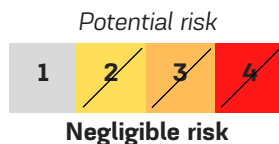
- Never happened contemporary mass absences.
- Possibility to interchange the operators.



Notes and actions
-None

2.7 Loss of managers and workers

- Managers, office and coordination staff largely interchangeable.
- -As mentioned above, good interchangeability of the operators.
- Possibility of overtime work.

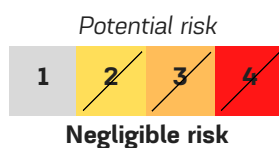


Notes and actions
-None

3. Loss of external supplies

3.1 Interruption of tool designing

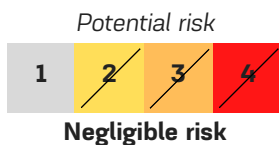
- Occasional use of outsourcing designing.
- Several qualified suppliers available.



Notes and actions
- None

3.2 Interruption of the supply of raw materials (special steel)

- Supplies of special raw steel coming from companies that operates both in Italy and abroad, already tried with positive results.



Notes and actions
- None

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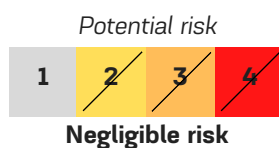
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3.3 Interruption of equipment supply

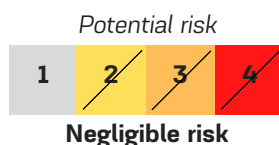
- Easily replaceable suppliers of equipment.



Notes and actions
-None

3.4 Interruption of supplies of consumables for production (cooling lubricant, synthetic oils and greases)

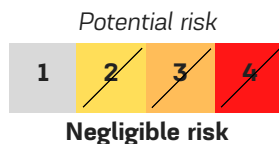
- Many choices.



Notes and actions
-None

3.5 Interruption of heat and superficial treatments

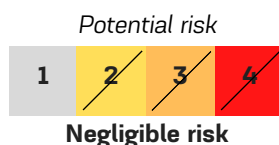
- Alternative supplier available for each kind of heat and superficial treatment.



Notes and actions
-None

3.6 Interruption of external machining

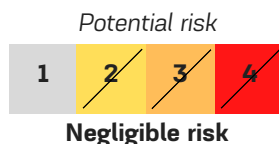
- Occasional use of external suppliers.
- Many alternative suppliers available.



Notes and actions
- None

3.7 Interruption of the supply of systems, machines and maintenances

- Alternative suppliers available.

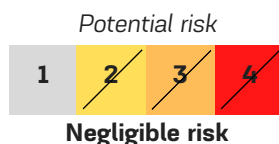


Notes and actions
- None

4. Damages to buildings and structures

4.1 Building inaccessibility

- Remote possibility of building inaccessibility.



Notes and actions
- None

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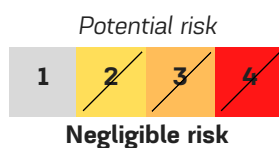
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4.2 Collapse

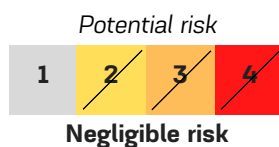
- Remote possibility of unfit for use because of collapse.



Notes and actions
-None

4.3 Damages to the warehouse

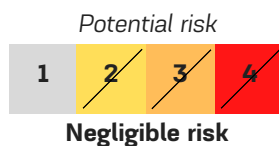
- Remote possibility of damages to the warehouse.



Notes and actions
-None

4.4 Damages to the office

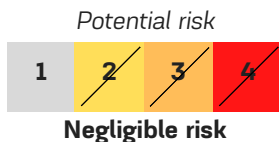
- Remote probability of damages to the offices.



Notes and actions
-None

4.5 Damages to the tool shop

- Remote probability of damages to the production departments.

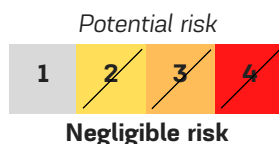


Notes and actions
- None

5. Damages to machines, equipment and data

5.1 Machinery

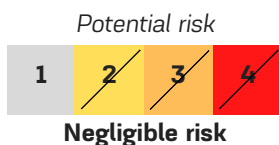
- Wide interchangeability of the machines (milling and drilling machines, lathes, ...).



Notes and actions
- None

5.2 Systems and equipment – bridge crane

- Possible out of service of the bridge cranes avoided by the presence of double bridge cranes for each production sector.



Notes and actions
- None

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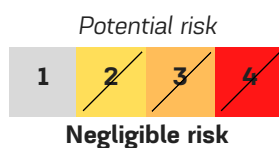
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5.3 Computer and other hardware

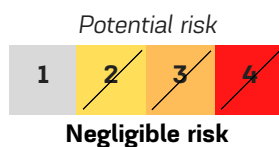
- No critical issues about computers and other hardware.



Notes and actions
-None

5.4 Telephone and computer network

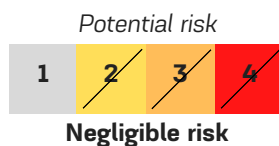
- Remote possibility of loss of telephone and computer network.



Notes and actions
-None

5.5 Paper documents

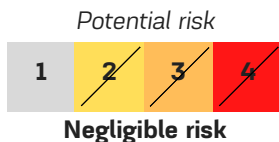
- Remote probability of loss of the paper archives.



Notes and actions
-None

5.6 IT documents

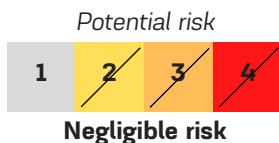
- Daily back-up on double internal server.



Notes and actions
- None

5.7 Software

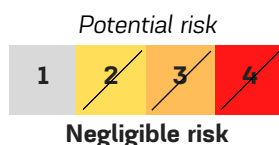
- Software available in the company and at the software suppliers.
- Impresa, Workplan, Catia, Visi, WorkNC.



Notes and actions
- None

5.8 Breakdown on electrical system

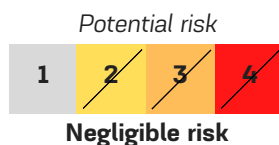
- Internal electrical systems verified twice a year and maintenance executed from qualified supplier.



Notes and actions
- Verify possible critical states with the supplier of the electrical installations and maintenances.

5.9 Fire-fighting system

- Fire-fighting system complete and verified according to the fire-fighting register.



Notes and actions
- None

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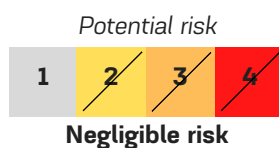
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5.10 Measurement tools

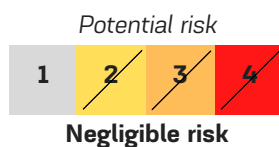
- Each measurement tool is available in more pieces.



Notes and actions
-None

5.11 Heating system

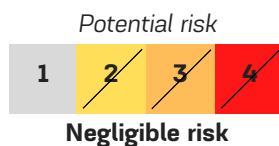
- Standard heating system with regular maintenance.



Notes and actions
-None

5.12 Cooling system

- Cooling system available only in the offices, simply systems that can be repaired easily.



Notes and actions
-None

6. Corrective / ameliorative measures to be planned

Reference	Aspect	Risk	Action	Schedule
1	1.6 Snow - Low altitude on sea level and winters with few snow except very rare cases.	Risk R1	- We will consider to include in the emergency plan the case of abundant snow.	06/2023
2	5.8 Breakdown on electrical system - Electrical systems verified twice a year and maintenance executed from qualified supplier.	Risk R1	- Verify possible critical states with the supplier of the electrical installations and maintenances.	08/2023

Date, 06.03.2023

Issued by: RGQA Rodegari Giovanni

Approved by: DG Rodegari Mario

