

Revision 00
March 2021

BCA

Business Continuity Assessment

Assessment of the risks of interruption and resumption of the activities

Manager BCA

- Rodegari Giovanni (RGQA)

Work Group

- Gervasoni Ing. Gianfranco (RSPP)

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.

Revision 00
March 2021

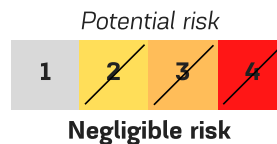
BCA Business Continuity Assessment *Assessment of the risks of interruption and resumption of the activities*

1. ÷ 5. Examined risk aspects

1. External risks

1.1 Earthquake

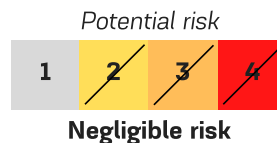
- Earthquake risk in Lombardy region raised from "0" to "1" at the beginning of year 2012.
- Never recorded major earth tremors in the area where the company is located.



Notes and actions
-None

1.2 Fire from outside

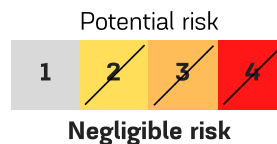
- The company is not bordering with any other one and far from other plants.



Notes and actions
-None

1.3 Flooding

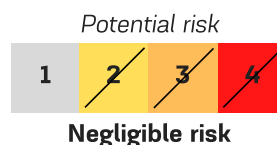
- The company is placed in an industrial area.
- The Oglio river is over 300 meters away and at a lower level.



Notes and actions
-None

1.4 Downpour

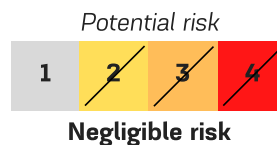
- The company is placed in an industrial area that is orographically not much affected by downpour.



Notes and actions
-None

1.5 Wind and tornado

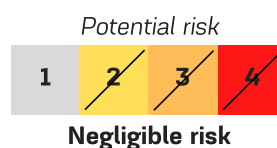
- The company is located in an industrial area that is orographically protected, never affected by strong winds or tornado.



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.

Revision 00
March 2021

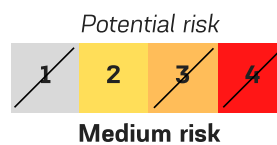
BCA

Business Continuity Assessment

Assessment of the risks of interruption and resumption of the activities

1.7 Pandemic diseases

- Recent pandemic case Covid-19.

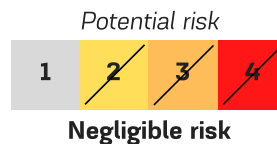


Notes and actions

- 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).



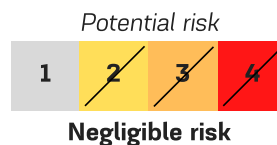
Notes and actions

- 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.

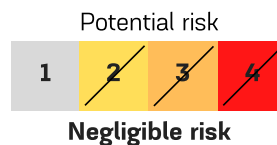


Notes and actions

- None

2.2 Flooding of internal origin

- Limited use of water.

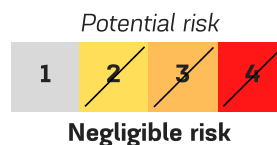


Notes and actions

- 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.

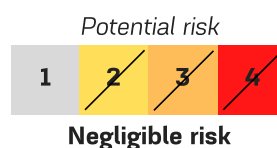


Notes and actions

- 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

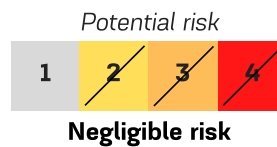
- None

Revision 00
March 2021

BCA Business Continuity Assessment *Assessment of the risks of interruption and resumption of the activities*

2.5 Malicious damage and outrage

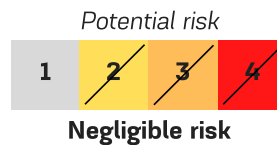
- In the company and in the areas around there have never been malicious damages.



Notes and actions
-None

2.6 Widespread disease (excluding pandemic 1.7)

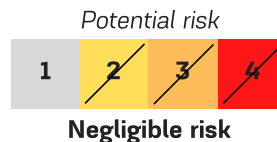
- Never happened contemporary mass absences.
- Possibility to interchange the operators.



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.

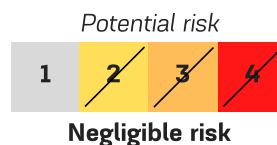


Notes and actions
-None

3. Loss of external supplies

3.1 Interruption of tool designing

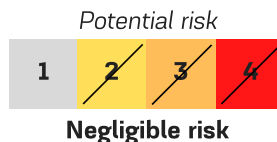
- Occasional use of outsourcing designing.
- Several qualified suppliers available.



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

Revision 00
March 2021

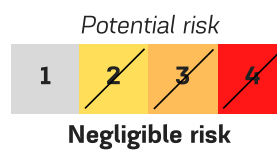
BCA

Business Continuity Assessment

Assessment of the risks of interruption and resumption of the activities

3.3 Interruption of equipment supply

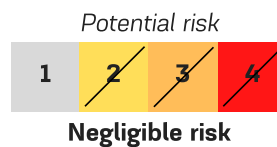
- Easily replaceable suppliers of equipment.



Notes and actions
-None

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

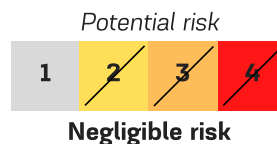
- Many choices.



Notes and actions
-None

3.5 Interruption of heat and superficial treatments

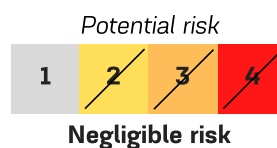
- Alternative supplier available for each kind of heat and superficial treatment.



Notes and actions
-None

3.6 Interruption of external machining

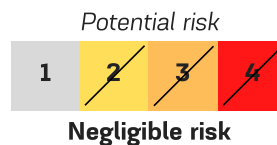
- Occasional use of external suppliers.
- Many alternative suppliers available.



Notes and actions
- None

3.7 Interruption of the supply of systems, machines and maintenances

- Alternative suppliers available.

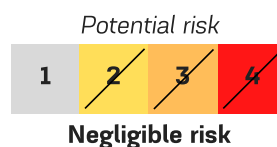


Notes and actions
- None

4. Damages to buildings and structures

4.1 Building inaccessibility

- Remote possibility of building inaccessibility.



Notes and actions
- None

Revision 00
March 2021

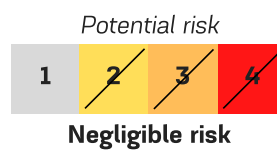
BCA

Business Continuity Assessment

Assessment of the risks of interruption and resumption of the activities

4.2 Collapse

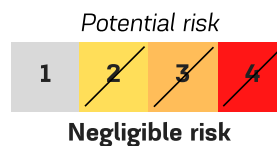
- Remote possibility of unfit for use because of collapse.



Notes and actions
-None

4.3 Damages to the warehouse

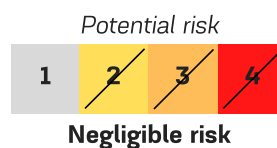
- Remote possibility of damages to the warehouse.



Notes and actions
-None

4.4 Damages to the office

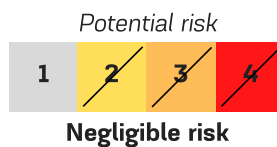
- Remote probability of damages to the offices.



Notes and actions
-None

4.5 Damages to the tool shop

- Remote probability of damages to the production departments.

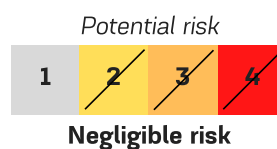


Notes and actions
- None

5. Damages to machines, equipment and data

5.1 Machinery

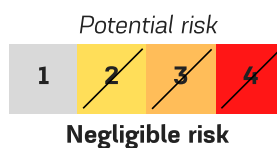
- Wide interchangeability of the machines (milling and drilling machines, lathes, ...).



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.



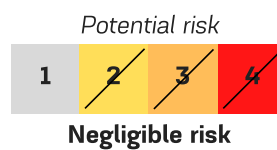
Notes and actions
- None

Revision 00
March 2021

BCA Business Continuity Assessment *Assessment of the risks of interruption and resumption of the activities*

5.3 Computer and other hardware

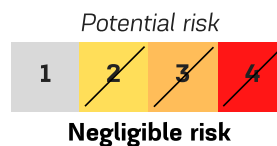
- No critical issues about computers and other hardware.



Notes and actions
-None

5.4 Telephone and computer network

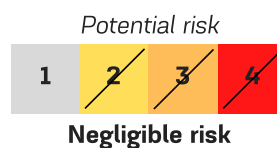
- Remote possibility of loss of telephone and computer network.



Notes and actions
-None

5.5 Paper documents

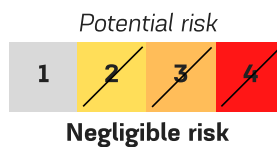
- Remote probability of loss of the paper archives.



Notes and actions
-None

5.6 IT documents

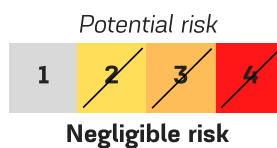
- Daily back-up on double internal server.



Notes and actions
- None

5.7 Software

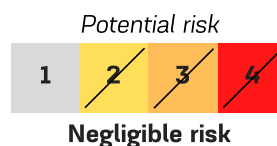
- Software available in the company and at the software suppliers.
- Impresa, Workplan, Catia, Visi, WorkNC.



Notes and actions
- None

5.8 Breakdown on electrical system

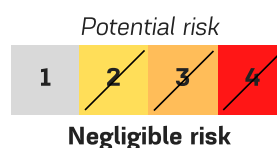
- Internal electrical systems verified twice a year and maintenance executed from qualified supplier.



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

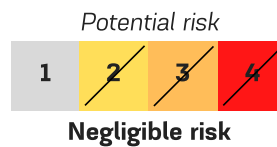
Revision 00
March 2021

BCA Business Continuity Assessment

Assessment of the risks of interruption and resumption of the activities

5.10 Measurement tools

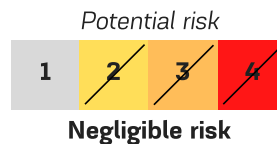
- Each measurement tool is available in more pieces.



Notes and actions
-None

5.11 Heating system

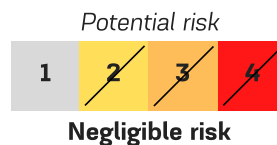
- Standard heating system with regular maintenance.



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.	06/2021
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.	08/2021

Date, 31.03.2021

Issued by: RGQA Rodegari Giovanni

Approved by: DG Rodegari Mario

