

STRATEGOS *Technical Workshop*

Safety & Security for Working within Industry 4.0

14.00-17.00, January 29th, 2020, DIME MIG Class Room, via Opera Pia 15, Genova, Italy

POC: Ing. Stefano Bergagnin, PASS Srl, bergagnin@passferrara.it

Ing. Fabiano Bondioli, Galileo Ingegneria, f.bondioli@galileo-ingegneria.it

Il workshop affronta tutte le principali novità dallo smart working al lavoro da soli, considerando i cambiamenti della VdR. Vengono affrontati i rischi che incidono sulla sicurezza in senso lato, nonché i processi corrispondenti e le potenziali soluzioni

Il **Workshop** descrive le **Innovazioni in materia di Salute, Sicurezza e Protezione** introdotto da Industry 4.0 e **Nuovi Modelli di Lavoro** tra cui **Smart Working & Working Solo**.

Viene proposto un approccio per identificare nuove soluzioni per ottenere benefici dalle opportunità di Industria 4.0 e per affrontare i rischi correlati. Infatti Industry 4.0 non significa solo introdurre nuove tecnologie nella produzione, adottare nuove competenze o nuovi modelli organizzativi, ma implica anche possibili cambiamenti negli ambienti di lavoro e nei modi in cui i lavoratori affrontano le attività e le loro attrezzature.

Tutti questi cambiamenti introducono nuove sfide per il **RSPP** che devono considerare la **Salute** e la **Sicurezza dei lavoratori** in un modo nuovo, sia in termini di miglioramento delle condizioni che di ridefinizione della valutazione del rischio. Allo stesso modo, le questioni di **Security** debbono essere affrontate nel rispetto di queste nuove condizioni di lavoro.

Lo scopo di questo Workshop è di illustrare come gestire i nuovi strumenti messi a disposizione delle aziende nell'era dell'Industria 4.0: quali sono le nuove competenze e quali sono le nuove responsabilità dell'RSPP, in relazione al cambiamento epocale dell'approccio alla valutazione del rischio e alle modifiche del DVR.

Accesso libero ad Aziende, Industrie e Professionisti

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The workshop addresses all major news from smart working to working solo, considering VdR changes. Risks affecting Safety and Security are addressed as well as corresponding processes and potential solutions

The **Workshop** describes the **New Health, Safety & Security Innovations** introduced by **Industry 4.0** and **New Working Models** including **Smart Working & Working Solo**.

It is proposed an approach to identify new solutions to get benefits from Industry 4.0 opportunities and to deal with related risks. Indeed Industry 4.0 does not only mean introducing new technologies into production, adopting new skills or new organizational models, but it involves also possible changes to work environments and to the ways in which workers approach activities and their equipment.

All these changes introduce new challenges for **RSPP** that must consider **Workers' Health & Safety** in a new way, both in terms of improving conditions and redefining risk assessment. In similar way **Security** issues should be addressed respect these new working conditions.

The aim of this workshop is to illustrate how to manage the new tools made available to companies in the era of Industry 4.0: what are the new competences and what are the new responsibilities of the RSPP, in relation to the epochal change of the approach to risk assessment and editing of the **DVR**.

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PROGRAM

Session 1: Smartworking, Working Solo and Industry 4.0

- *Regulation Evolution and the development of safety management*
- *Impact of Industry 4.0 on safety management*
- *Smart Working: consequences on Industry 4.0 organization and management*
- *Working Solo: new generation safety issues and changes*
- *Operators in Industry 4.0: how skills and responsibilities are changing*
- *Security & Safety: new issues and risks in the advanced society*
- *How are changing risk assessments (DVR), crucial issues for RSPP / ASPP*

Stefano Bergagnin, Technical Director at PASS S.r.l.

Session 2: Full Risk Management & Business Continuity in the Industry 4.0 Era

- *Risk management : definition, process, advantages*
- *ISO 31000:2018 standard and Risk Management integration in company organization*
- *Risk based thinking & Full risk management*
- *Organizational resilience and related norms and standards*
- *ISO 22301:2012 standard: Implementing a Business Continuity Management System*
- *Holistic approach and compartmental approach to Business continuity*

Fabiano Bondioli, Development Director at Galileo Ingegneria

Fabrizio Fujani, Business Stream Manager at TUV RheinLand S.r.l.



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