

SUMMARY

Progetto di
ricerca
ISPEL
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Firstly, the research project wishes to provide an updated risk profile for the pottery and sanitary-ware industries of the Ceramic District of Civita Castellana (*Viterbo, Italy*).

In collaboration with the factory technicians a list of the materials and products which are used in the ceramic process has been drawn up highlighting the selection of dangerous substances by using risk phrases (*R49, R40, R38*) on Material Safety Data Sheets.

In order to promote preventive action, to evaluate health effects and monitor the periodic sanitary checks foreseen by law, we have created a computerised information system (ESPOSTI) which enables the calculation of retrospective estimates of cumulative exposure dose of crystalline silica.

To monitor the compliance to health and safety norms in the workplaces, we have proposed specific safety checks for the main industrial processes, for different tasks and for specific risks; moreover, one technical solution is shown.

We have also reported technical guidelines concerning refractory ceramic fibres and the risk assessment of crystalline silica dust, realized in collaboration with GIF – Italian Regional Fibres Group and NIS – Italian Silica Network.

Finally, we have repropoed two booklets, first published in the 80's, which contain technical solutions and information on silicosis risk in pottery production and a HSE (Health & Safety Executive, G.B.) document on silica dust in small potteries.