## OCCUPATIONAL HEALTH AND PUBLIC SAFETY

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<sup>1</sup>Nofer Institute of Occupational Medicine, Poland

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In Poland Occupational Exposure Limits are called Maximum Admissible Concentrations (MAC) and are published by the Minister of Labour and Social Policy (based on documented proposals from the Interdepartmental Commission for MACs for Agents Harmful to Health in the Work Environment) and are legally binding. There is a practice that no MAC values are published unless the appropriate analytical method is available enabling determination of compliance. Validation of analytical methods is also required for compounds for which MAC values have been changed or for methods that do not meet criteria specified in the European standard EN 482. The objective of the project was to develop analytical methods for furan (Fu), hydrogen peroxide (HP), triethylamine (TEA), 4-chlo-ro-o-toluidine (4-CTA), 2-methoxypropan-1-ol (2M1P), N-methylformamide (NMF), 1-methyl-2-pyrrolidone (NMP) and 1-ethyl-2-pyrrolidone (NEP).Parameters of air sample collection (sorbent selection, air volume, sampling rate, desorption e f ciency) and analytical range, precision, specificity and expanded uncertainty