

Decontamination of fire gloves (textile) in washing machines with Lejon Kemi's detergent FPG Wash and washing programme at 60° C

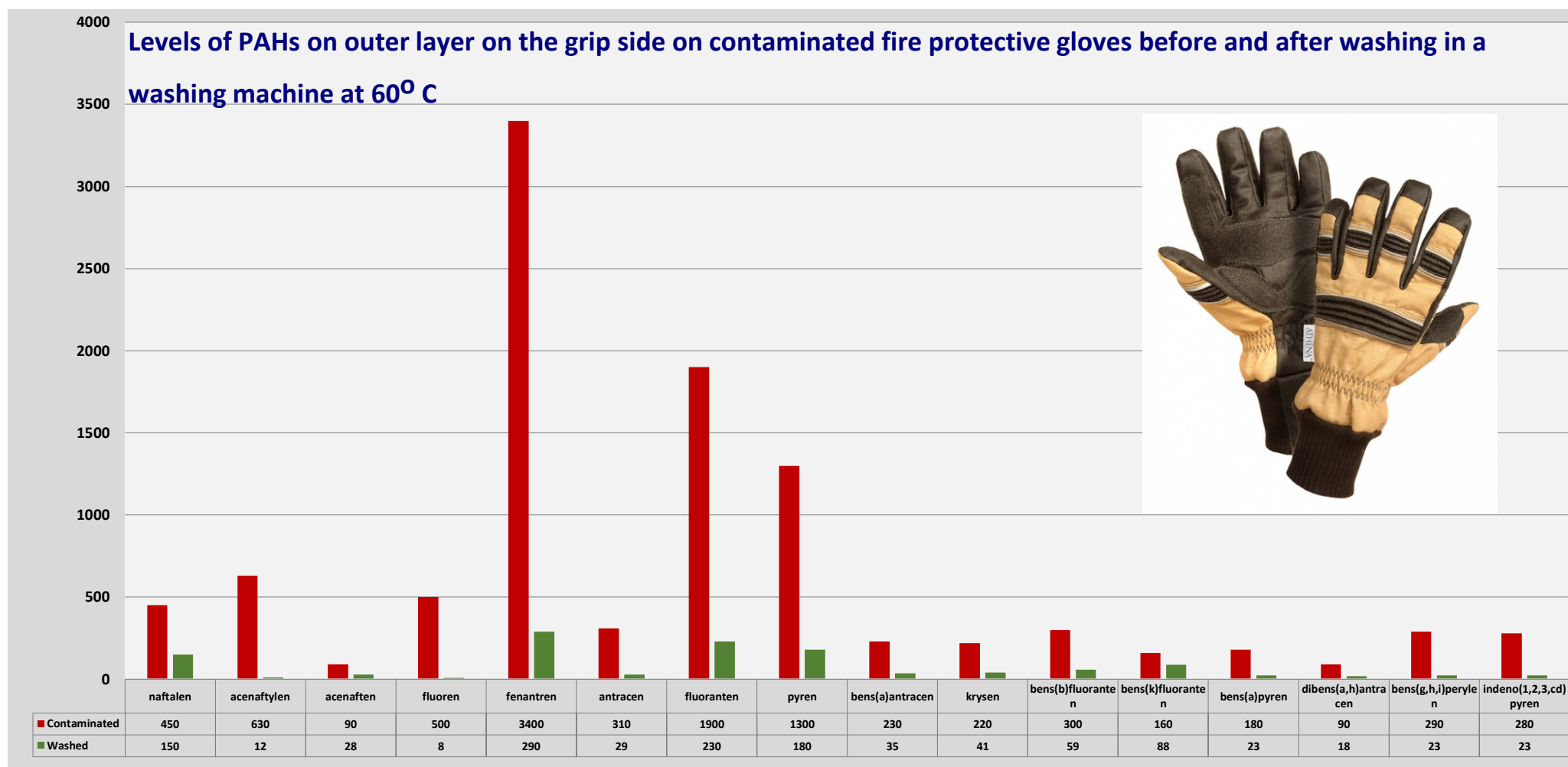


Diagram and chart No 1. Levels of 16 different Polycyclic aromatic hydrocarbons (PAHs) analysed in ng/g (nanogram/gram) on the outer layer on the grip side on a contaminated fire protective glove (textile glove) before and after wash. Cleaning method: Contaminated gloves were washed in a washing machine from Electrolux Professional with Lejon Kemis detergent, FPG Wash and Lejon Kemis washing program for turnout gear at 60° C. Test material: Fire protective gloves (textile). Test site: Education and training centre for fire fighters in Ågesta, Stockholm, belonging to the Stockholm Fire brigade. Analysis laboratory: ALS Scandinavia AB, Danderyd, Sweden. Analysis method: Gas chromatography – mass spectrometry. Report No: ALS T 2003790. Result: Total amount of analysed PAHs wear reduced by at least 88 %. **Note!** All levels of single PAHs were below the detection level for the analysis method used. In the diagram and chart above the detection level has been used when single PAHs were not detected. This means that the levels of single PAHs can reach up to the detection level but can also be lower.

Decontamination of fire gloves (textile) in washing machines with Lejon Kemi's detergent FPG Wash and washing programme at 60° C

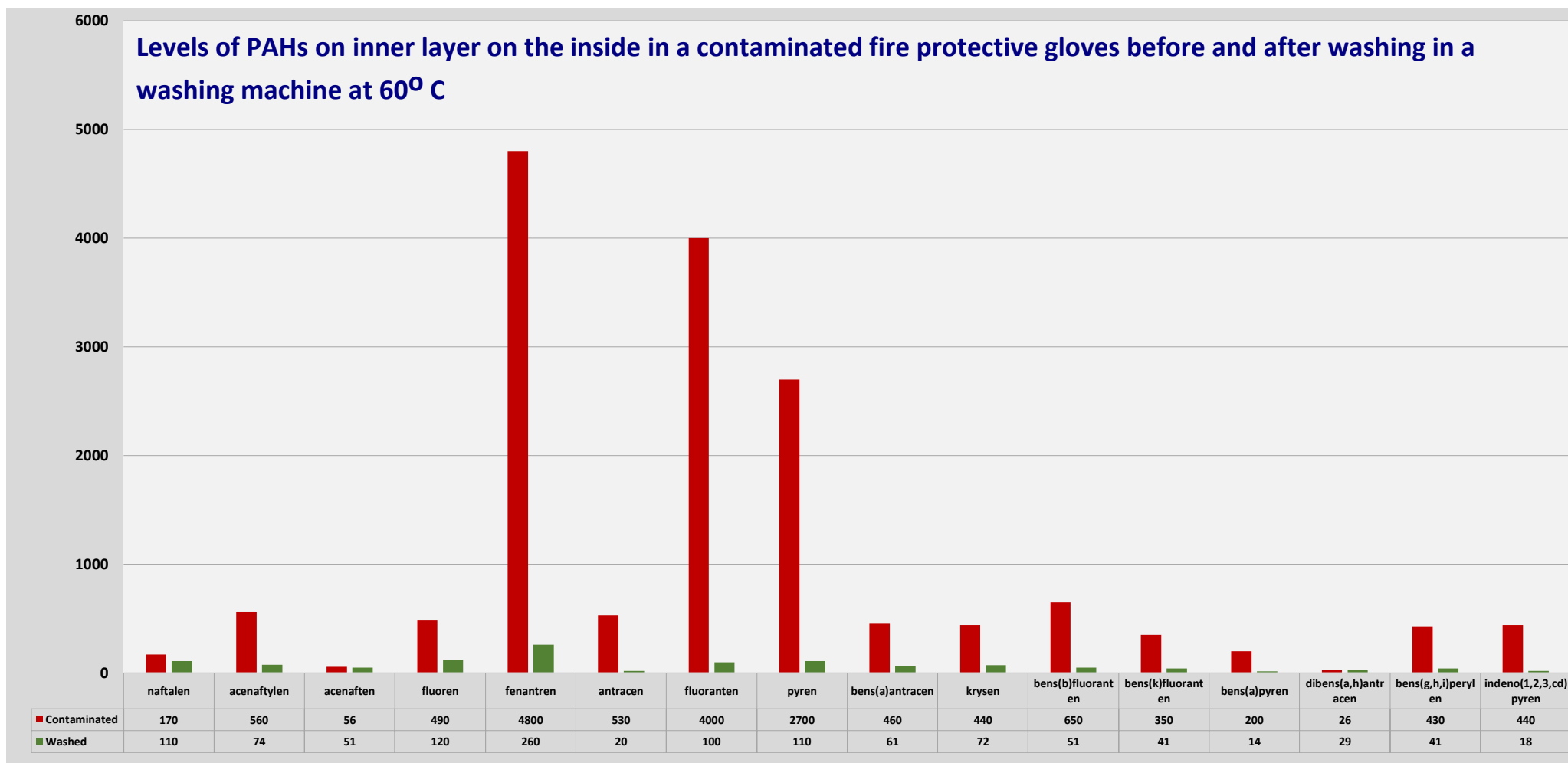


Diagram and chart No 2. Levels of 16 different Polycyclic aromatic hydrocarbons (PAHs) analysed in ng/g (nanogram/gram) on the inner layer on the inside of a contaminated fire protective glove (textile glove) before and after wash. Cleaning method: Contaminated gloves were washed in a washing machine from Electrolux Professional with Lejon Kemis detergent, FPG Wash and Lejon Kemis washing program for turnout gear at 60° C. Test material: Fire protective gloves (textile). Test site: Education and training centre for fire fighters in Ågesta, Stockholm, belonging to the Stockholm Fire brigade. Analysis laboratory: ALS Scandinavia AB, Danderyd, Sweden. Analysis method: Gas chromatography – mass spectrometry. Report No: ALS T 2003790. Result: Total amount of analysed PAHs wear reduced by at least 92,8 %. **Note!** All levels of single PAHs were below the detection level for the analysis method used. In the diagram and chart above the detection level has been used when single PAHs were not detected. This means that the levels of single PAHs can reach up to the detection level but can also be lower.