

COGNE ACCIAI SPECIALI S.p.a. "Socio Unico" Via Paravera, 16 I-11100 AOSTA



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OGGETTO/OBJECT:

WE STATE HEREBY THAT ALL OUR SUPPLIES ARE FREE FROM RADIOACTIVE CONTAMINATION, DUE TO SEVERE CONTROLS EFFECTED ON THE RAW MATERIAL CONSTITUTED BY SCRAP METAL AND FERROALLOYS, ACCORDING TO THE FOLLOWING RULES:

WE HAVE TWO CHECKPOINTS (GATES), ONE AT THE ROAD ENTRANCE AND THE OTHER AT THE RAILWAY ENTRANCE.

BOTH ARE EQUIPPED WITH PLASMA SCINTILLATOR FOR THE DETECTION OF RADIOACTIVE EMISSION.

EVERY CARGO THAT ENTERS THE PLANT PASSES THROUGH ONE OF THE TWO GATES AND IS THEREFORE INSPECTED.

THE CONTROL SYSTEM IS BASED ON THE CONTINOUS SIGNAL SURVEY SUPPLIED BY NATURAL RADIOACTIVITY. THE AVERAGE OF THESE VALUES ARE OBTAINED EVERY FIVE MINUTES AND ARE USED AS A BASELINE ON WHICH THE LEVEL OF RADIOACTIVITY IS CONFRONTED WITH EVERY CARGO ENTERING/LEAVING THE PLANT.

THE PROCESSOR SENDS AN ALARM SIGNAL WHENEVER THE SIGNAL EXCEEDS ABOVE 10% OF THE AVERAGE NATURAL RADIOACTIVITY VALUE.

THE PROCEDURE IN THIS CASE IS:

- ✓ FOR METAL MATERIAL, IN PARTICULAR METAL SCRAP: THE CARGO IS PUT INTO QUARANTINE, IT UNDERGOES MANUAL MEASURING WITH AN IONIUM SODA DETECTOR, THE CONTAMINATED MATERIAL IS LOCATED INSIDE THE CARGO AND SEPARATED FROM THE REST, ALL THIS IS DONE ACCORDING TO THE EXISTING EU REGULATIONS.
- ✓ FOR OTHER MATERIALS: EVERY CARGO WHICH EXCEEDS THE 10% BASELINE IS REGISTERED AND IS INSPECTED ONLY IF THE VALUE EXCEEDS ABOVE 50% OF THE BASELINE.

THE CONTROL SYSTEM AND DETECTORS ARE INSPECTED REGULARLY BY A QUALIFIED INSTITUTION.

Dr. Marco Farinet (Quality Manager)