

# 11.0 Action Plan for Environmental Protection

## **Reduction in Energy Consumption through....**

- Constant control and best possible adjustment of in house technology
- Process optimisation

## **Reduction of Emissions through ...**

- Use of mainly natural gas in our heating installations
- Regular control of emissions
- Optimal boiler settings in all installations using gas
- Welding smoke suction with filter installation
- Gradual changeover to Euro 4 in machines with internal-combustion engines
- Optional installation or upgrading of soot filters in diesel engines
- Special, patented filter systems for our vacuum sweepers  
(i.e. the June R2S – filter cleaning technology)

## **Reduction of Noise Emissions through ....**

- Sound insulation where obvious or in new production areas
- Observance of the noise protection order for machines using optional insulation packs

## **Careful use of the Water Network through.....**

- Closed cooling circuits
- Increased standing time of the bath water in our powder coating facility
- Closed water circuit in our pre-treatment zone
- Drainage of surface water
- Trial of water free urinals (URIMATS)

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## **Less waste through .....**

- Increase switch to consumption control, this enables the use of reusable containers.
- The use of box programmes for optimum sheet metal utilisation during laser cutting.

## **Environmentally friendly products through....**

- Less water consumption using the Aqua- Control - System
- Waste water treatment for our floor cleaning machines
- Optional battery powered drives
- Use of alternative energy supplies ( Biodiesel )
- Low emission dry filter systems (separation rate 99.5%) for our sweepers
- Sound insulation for some of our larger machines (optional)

## **Production that is most in tune with the environment through .....**

- 95% use of powder coating in the surface treatment plant
- Controlled disposal of process water into the canalisation via neutralisation plant and ph-value control

## **Communication as a means to environmental protection through ....**

- Availability of our environmental statement on the internet
- Comments and expert contributions in our internal magazine "Pluspunkt"
- Participation in external study groups