

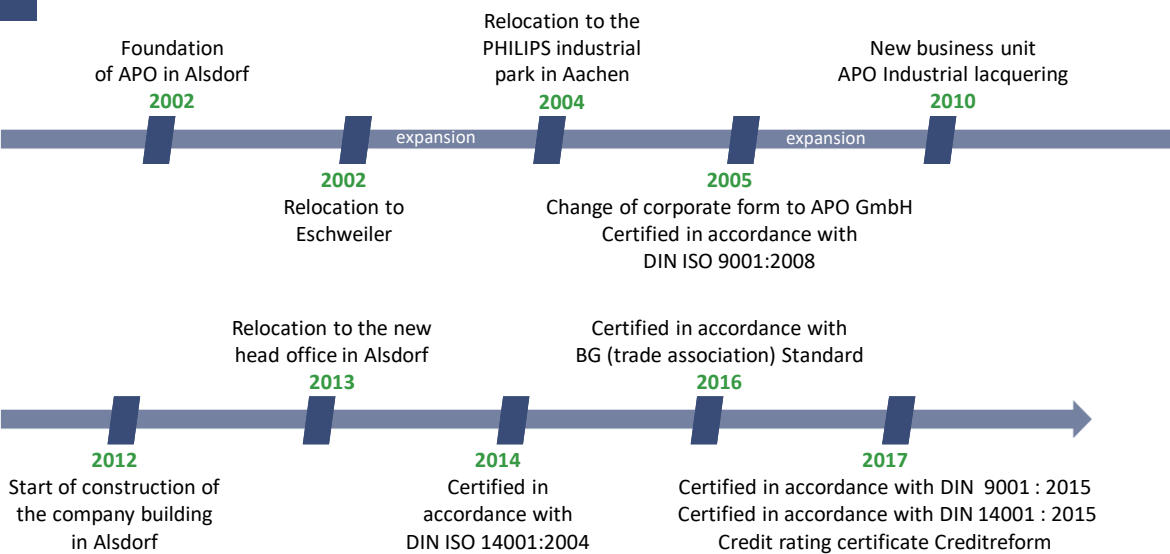
The background of the top half of the slide is a collection of numerous colorful rings of various sizes and colors, including yellow, green, pink, orange, blue, and red, scattered across a white surface. An orange rectangular box is overlaid on the right side of this background.

WELCOME TO APO GMBH

COMPLETELY PERFECT SURFACES



APO GMBH ▪ HISTORY



APO GMBH ▪ TWO BUSINESS DIVISIONS

APO Small Mass Produced Parts ▪ APO Industrial Lacquering

- 27 employees
- Three-shift operation
- State-of-the-art machinery on an area of 1,600 m²
- Patented plasma technology



APO'S COATING OF SMALL MASS PRODUCED PARTS



COATINGS

- Decorative Coatings
 - Effect coatings
 - Colour coatings
- Functional coatings

PWIS (LABS) CLEANING

- Wet-chemical processes
- Patented plasma technology
- Also combinable with coatings



QUALITY ▪ ENVIRONMENT ▪ SAFETY

- Quality management
 - Zero-defect target for consultation, planning, performance and delivery
 - Integrated QM system based on planning tools such as APQP and FMEA
 - Certified in accordance with ISO 9001
- Environmental Management
 - Advanced lacquer systems
 - Responsible chemicals management
 - Certified in accordance with ISO 14001
- Work safety
 - Extensive occupational safety system
 - Awarded the “Sicher mit System” (Systematic Safety) seal of quality by the “Holz und Metall” (wood and metal) trade association, BGHM.



THE PRODUCTION ▪ CLEANING AND PLASMA



- 2 state-of-the-art industrial cleaning units with two-bath technology
 - Pre-cleaning for coating processes
 - PWIS (LABS) cleaning
- 2 low pressure plasma units, patented technology (EP 2 884 824)
 - Plasma pre-cleaning and activation for coating processes
 - PWIS (LABS) plasma cleaning
- Network linking with the central computer-aided process control

THE PRODUCTION ▪ COATING UNITS

- 10 drum coating units
 - Modified for APO requirements
- Linking to the network with centralised process control
- Best possible process capability with batch processes



OUR EXPERTISE

- Cleanliness of production processes and of products
 - High cleanliness level for coated products
 - PWIS (LABS) clean components for the use in paint shops
- Highest flexibility
 - Adaption of production processes to the product and application requirements
 - Development of innovative coatings for your individual requirements together with partners from lacquer industry
- Sample service
 - Feasibility studies for your individual components
 - Initial samples of small mass produced parts free of charge



OUR EXPERTISE

- Experts for colours
 - Huge variety of colours
 - Uniform colour application combined with highest accuracy
- Experts for decorative coatings
 - Perfect silver colour
 - Metallic effects
- Experts for high variety of products
 - Writing implements
 - Toys
 - Cosmetics accessories and packaging
 - Haberdashery
 - Sealing and damping elements
 - Automotive components



OUR EXPERTISE

- Experts for the coating of VMQ silicone parts
 - Special pre-treatment ensure firm surface bond of the coating to the silicone components
 - Functional coatings for the use with VMQ silicone components
- Experts for functional coatings
 - Transparent with UV indicator, black or coloured
 - Highest elasticity and firm surface bond
 - For friction reduction, assembly aid or identification of parts
- Experts for PWIS (LABS) cleaning solutions
 - Safe use of cleaned components in paint booths
 - In accordance with various test specifications like VDMA 24364



YOUR BENEFIT

Our expertise for your benefit

- We see ourselves as partner and solution provider
- We provide support
 - With our experience
 - With our know-how
 - With our advice
 - To meet your requirements
- For WELL-KNOWN and NEW requirements
- For COLOURED and CLEANLINESS solutions
- For your FRICTION-FREE and smooth operations





would like to thank you for your attention!

CONTACT

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