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RELIABILITY & PROFESSIONALISM

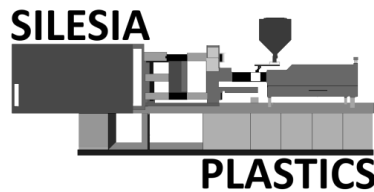
# ***INJECTION MOLDING***

# ***TRAININGS***

# ***CONSULTING***



Szyby Rycerskie 4,  
41-909 Bytom, Poland  
TAX ID: 626-303-63-00  
D-U-N-S: 85-131-8333  
[biuro@silesiaplastics.com](mailto:biuro@silesiaplastics.com)



RELIABILITY & PROFESSIONALISM

SILESIA PLASTICS s.c. was established to set new standards in injection molding for plastics and automotive industry.

By providing services such as

- outsourcing and subcontracting of injection molding,
- prototype injections,
- specialized trainings or
- consulting services,

we are guided by two principles, reliability and professionalism.

New machines equipped with robots, world-class ERP system and Industry 4.0 help us to provide effectiveness, continuous improvement and transparency.

Our team, equipped with 20 years of experience, fully dedicates its time, knowledge and skills to bring added value, outstanding performance, quality and timely deliveries to its customers.

The ISO 9001:2015 standard sets the standards for our work.

We work on your molds, maintain and take care of them.



[WWW.SILESIAPLASTICS.COM](http://WWW.SILESIAPLASTICS.COM)

Szyby Rycerskie 4,  
41-909 Bytom, Poland

SILESIA



PLASTICS

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# CERTIFICATE



Management system as per  
EN ISO 9001:2015

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

**Silesia Plastics Spółka Cywilna**  
**Szyby Rycerskie 4**  
**41-909 Bytom**  
**Poland**

applies a management system in line with the above standard for the  
following scope

**production of plastics parts with assembly process**

Certificate Registration No. 20100203006783

Valid until 2023-02-19  
Initial certification: 2020-02-20

Certification Body  
at TÜV AUSTRIA CERT GMBH

Vienna, 2020-02-20

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification  
procedures and is subject to regular surveillance audits.  
TÜV AUSTRIA CERT GMBH Deutschstraße 10 A-1230 Wien www.tuv.at



ZERTIFIKAT | CERTIFICATE | CERTIFICAT | CERTIFICADO | CERTIFIKAT | 証明書 | 인증서

035093-19-1

Veröffentlichung nur mit Einverständnis der TÜV AUSTRIA | The reproduction of this document is subject to the approval by TÜV AUSTRIA.

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## MANUFACTURING CELL #1

Machine: HAITIAN MA2500IIS (2019)  
Production Year: 2019  
Materials: PP, ABS, PA6, PA6.6, MIX  
Robot: HAITIAN Hilectro V900IS (2019)  
Crane: 1,000 kgs  
Cores: 2, hydraulic  
Hot runner zones: 6

### CLAMPING UNIT

Clamping force: 2500 kN  
Mold platen dimension: 850x850 mm  
Distance between tie bars (h x v): 580x580 mm  
Mold opening stroke: 540 mm  
Max. mold height: 580 mm  
Min. mold height: 220 mm  
Min. mold dimensions (l x w): 410x410 mm

### INJECTION UNIT

Shot size (theoretical): 570 cm<sup>3</sup>  
Injection weight (PS): 519 g  
Injection stroke: 240 mm  
Injection speed: 125 mm/s  
Plasticizing capacity (PS): 270 g/s  
Injection pressure: 185 Mpa



Industry 4.0



Cp : 1,90  
Cpk : 1,84



Continuous  
Improvement



Cost  
Optimization



Data  
Archivization



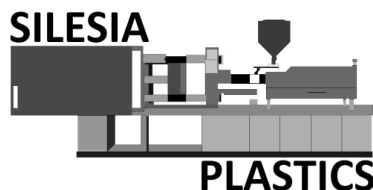
Online  
reporting



Full  
tracking



Timely  
deliveries



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## TRAININGS

### LEVEL 1

**Target group:** Technicians, Settopers, Operators

**Description:** During the training, students broaden the knowledge analyzing materials, cases and participate in discussion panels prepared by our experts.

**Content:** Plastics, Injection Molds, Injection Process, Manufacturing cell optimalization, Creative Problem Solving

**Effects:** Student has practical and theoretical knowledge to perform task and duties required by the position. Student can identify areas for pro-active maintenance and improvements.

**Qualification confirmation:** exam, certificate

**Price includes** training materials, lunch, certificate, hot beverages, fully equipped conference room

**Group size:** max. 4

**Duration:** 4 hrs + discussion panel

**Custom training:** ON REQUEST

### LEVEL 2

**Target group:** Process Engineers, Experienced Technicians

**Description:** During the training, students broaden the knowledge analyzing materials, cases and participate in discussion panels prepared by our experts.

**Content:** Plastics, Injection Molds, Injection Process, Optimalization, Automatization, Process Audit, New Mold, Technician/Setter Training, SCRAP Management, Creative Problem Solving

**Effects:** Student has practical and theoretical knowledge to perform task and duties required by the position. Student can identify areas for pro-active maintenance and improvements.

**Qualification confirmation:** exam, certificate

**Price includes** training materials, lunch, certificate, hot beverages, fully equipped conference room

**Group size:** max 4

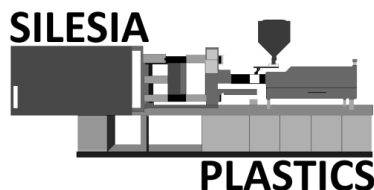
**Duration:** 8 hrs + discussion panel

**Custom training:** ON REQUEST



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## SILESIA PLASTICS Spółka Cywilna

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