

Certificate of Approval

This is to certify that the Management System of:

Tungsram Operations Kft.

Váci út 77., 1044 Budapest, Hungary

has been approved by Lloyd's Register to the following standards:

ISO 50001:2018

Approval number(s): ISO 50001 – 63926

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

The scope of this approval is applicable to:

Production of light sources, fluorescent lamp, LED-fitting, SMT, lighting components, glass, glass components, ceramic components, machinery and components, vacuum technical machines and parts, tungsten and wire production. Production of metal parts, repair activities, welding, assembly processes, manufacturing of metal structures, painting, molding, plating. Diagnostic tests and measurements of light source parameters. Indoor farming.



Paul Graaf

Chief Operating Officer, Management Systems, MSIS

Issued by: Lloyd's Register EMEA Mft.

for and on behalf of: Lloyd's Register Quality Assurance Limited



Certificate Schedule

| Location | Activities |
|---|--|
| Tungfram Operations Kft. Váci út 77., 1044 Budapest, Hungary | ISO 50001:2018 Headquarter activities. |
| Tungfram Operations Kft. Component Factory Kinizsi tér 1, 4220 Hajdúböszörmény, Hungary | ISO 50001:2018 Production of machines, tools, machine and individual parts. Lighting components and parts, production of tungsten metal, production of wires. Machinery, welding, assembly processes. |
| Tungfram Operations Kft. Light Source Factory Váci út 77, 1044 Budapest, Hungary Fóti út 41., 1046 Budapest, Hungary | ISO 50001:2018 Production of light sources, glass, glass components, ceramic components. Assembly processes, repair activities. Production of raw materials for light source industry. Diagnostic tests & measurements of light source parameters. Indoor farming. |
| Tungfram Operations Kft. Light Source Factory Temesvári út 17, 4600 Kisvárda, Hungary | ISO 50001:2018 Production of light sources, machinery and components, paper packaging material, LED fitting, metal surface treatment, production of metal parts, repair activities, welding, assembly processes, manufacture of metal structures and parts of structures |
| Tungfram Operations Kft. Light Source Factory Kinizsi u. 97, 8800 Nagykanizsa, Hungary | ISO 50001:2018 Production of light sources, fluorescent lamp, LED production, fitting, lighting components, SMT parts, glass, glass components, machinery and components, vacuum technical machines and parts, painting, molding, assembly processes. Production of raw materials for light source industry. |



Certificate Schedule

| Location | Activities |
|---|--|
| Tungfram Operations Kft. Component Factory Alsóerdei út 3, 8900 Zalaegerszeg, Hungary | ISO 50001:2018 Production of metal parts, lighting components, glass, glass components, components for automotive industry, welding, plating processes, tool design and production, assembly processes, machinery. |

