Fronius
SHIFTING THE LIMITS

# EMF DATASHEET FOR ARC WELDING POWER SOURCE

## EQUIPMENT INFORMATION

| | |
|---|---|
| Manufacturer | Fronius |
| Model | MagicWave 2200 Job G/F; Micro Spot; MagicWave 2200 Job G/F |
| Model Number | 4,075,119; 4,075,119,630; 4,075,119,800 |
| Intended use | ☒ occupational ☐ by laymen |

## BASIC INFORMATION

| | |
|---|---|
| Applied Regulations | Directive 2014/35/EU |
| Referenced Limits | Directive 2013/35/EU, Recommendation 1999/519/EC |
| Applied Standards | EN 62822-1:2016, EN 62822-2:2016 |

| | | |
|---|---|---|
| Non-thermal effects need to be considered for the workplace assessment | ☒ yes | ☐ no |
| Thermal effects need to be considered for the workplace assessment | ☐ yes | ☒ no |

☒ Data based on maximum power source capability
☐ Data based on worst case setting/program
☐ Data based on multiple settings / programs

## COMPLIANCE SUMMARY

| | | |
|---|---|---|
| Compliance with ELVs for health effects at standardized configurations | ☒ yes | ☐ no |
| Compliance with ELVs for sensory effects at standardized configurations | ☒ yes | ☐ no |
| All values below the Action Levels at the standardized configurations | ☐ yes | ☒ no |

## NON-THERMAL EFFECTS

| | HEAD | | TRUNK | LIMB HAND | LIMB THIGH |
|---|---|---|---|---|---|
| | SENSORY EFFECTS | HEALTH EFFECTS | | | |
| Standardized distance | 10.00 cm | 10.00 cm | 10.00 cm | 3.00 cm | 3.00 cm |
| EI at standardized distance | 0.26 | 0.25 | 0.42 | 0.23 | 0.54 |
| Required minimum distance | 1.00 cm | 1.00 cm | 2.00 cm | 1.00 cm | 1.00 cm |

| | |
|---|---|
| Distance where all EIs fall below 20:% | 30.00 cm |
| Distance where compliance with general public limits is reached: | 2.50 m |