

**OP 788**

## Promoting Intelligent Welding and Additive Manufacturing Technologies through Social Organization Standard

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The report first provides a brief overview of China's standardization laws and regulations, classification of standardization systems, and introduces the current development status of social organization standards in the field of welding in China. It focuses on the application practices of emerging technologies in intelligent welding and additive manufacturing in the Industry 4.0 era, as well as the attempts of related social organization standards. It also introduces the development of social organization standards in the above-mentioned application areas in China. Finally, targeting the Asian Welding Federation, it elaborates on the role, the main goals and tasks of social organization standards, the establishment framework and workflow of social organization standardization committees, etc.