

# ISO 37164:2021-05 (E)

## Smart community infrastructures - Smart transportation using fuel cell light rail transit (FC-LRT)

---

Contents	Page
Foreword .....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	1
4 Concept of smart transportation using FC-LRT .....	1
4.1 General .....	1
4.2 Satisfaction of SDGs .....	2
5 Operation of smart transportation using FC-LRT .....	2
5.1 Objectives .....	2
5.2 Minimum requirements and recommendations for organizing smart transportation .....	2
5.2.1 General .....	2
5.2.2 Recharging .....	2
5.2.3 Scheduling and dispatching .....	3
5.2.4 Maintenance work .....	3
5.2.5 Passenger services .....	3
5.2.6 Driving conditions .....	3
5.2.7 Driving skills and performance .....	3
5.2.8 Hydrogen delivery and storage .....	3
5.2.9 Emergency responses .....	3
5.2.10 Energy saving .....	4
6 Maintenance of the quality of smart transportation using FC-LRT .....	4
6.1 General .....	4
6.2 Parameters to be observed .....	4
6.3 Modification of smart transportation .....	4
Bibliography .....	5