

SECUREFIRE SAFETY INDUSTRIES PRIVATE LIMITED



COMPARATIVE ANALYSIS OF

WORLD CLASS FIRE ENTRY SUIT: USA

TO

TiFi® FIRE ENTRY SUIT: INDIA



SR. No	THREAT AREA FOR A FIREFIGHTER DURING FIRE ENTRY	World Class Fire Entry Suit 	TiFi® Fire Entry Suit (Indigenous) 
1	Patented & Make In India Product	X	✓
2	Temperature: Tested at: 84KW/M2 Heat Flux	✓	✓
3	Time duration	150 Seconds only Temp inside suit reaches up-to 57°C within 150 Seconds	More than 179 seconds Temperature inside suit reaches near to 50°C after 180 Seconds
4	Sensor Support for timely evacuation (additional feature)	X	✓
5	Eye Protection	X Polycarbonate is not fit for fire entry Suit	✓ Special Assembly to safeguard from temp. above 1000°C
6	Hand Gloves tested at 500°C Contact Heat	X	✓
7	Comfortability in movement with suit	X	✓
8	Biological Test & Carcinogenic Testings	X	✓
9	Sub Zero temperature Solution	X	✓
10	Limiting Oxygen Index of the Suit Limiting Oxygen Index of the TiFi	X X	31.11 55.12
11	Chemical tested	X	✓
12	Field Trials	X	✓ I. State Fire Brigades: 1. Gujarat 2. Uttar Pradesh 3. Haryana 4. Bihar II. Oil & Gas Industries: 1. Oil India Limited-Assam (along with IOCL, BCPL, DNP Ltd, AGCL, BVFCL)
13	Buy-Back Facility	X	✓