

A. Proposal Details

Part - 1

Organization Type: Individual


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Part - 2

5. Proposed title of Standard	HTM 02-01 MEDICAL GAS PIPELINE SYSTEM - PART A : DESIGN, INSTALLATION, VALIDATION AND VERIFICATION
6. Aspect	Code of Practice
7. Define subject of standard	AS PER HTM 02-01 STRAIGHT COUPLING CAN BE REPLACED WITH EXPANDED JOINTS TO AVOID LEAKAGES DURING INSTALLATION AND IMPROVE LIFE OF THE GAS PIPELINE FOR HOSPITALS AND MEDICAL COLLEGES
8. Most Relevant Technical Department	MHD (Medical Equipment and Hospital Planning Department)

Part - 3

9. Scope of proposed standard	HOW THE MANUFACTURER OF COPPER TUBES CAN CONTROL THE COMMON MISTAKES HAPPENING AT LAST MILES I.E. DURING INSTALLATION, WHICH CAN CAN MAKE THE BEST MACHINES AND PIPELINE USELESS EVENTUALLY
10. Purpose and Justification	IMPLIMENTATION OF HTM 02-01 GUIDE LINES WITH FOR THER IMPROVEMENT FOR COST SAVING, QUALITY ENHANCING INSTALLATION. IT WILL GIVE MUCH BETTER SERVICE TO END USERS I.E. PATIENTS.
11. Likely users of standards and their inputs	GOVERNMENT ORGANISATIONS, TURN KEY INSTALLERS, GOVERNMENT CONTRACTORS, MGPS INSTALLER, AIIMS HOSPITALS, DISTRICT HOSPITAL, STATE MEDICAL SERVICE CORPORATIONS, CPWD & PWD HOSPITAL & MEDICAL COLLEGES
12. Any related standards/series of standard/system standard required to make this subject standard complete	HTM 02-01 MEDICAL GAS PIPELINE SYSTEMS PART A DESIGN, INSTALLATION, VALIDATION AND VERIFICATION.
13. When the final standard would be required	01-01-2024
14. Any specific problem being faced without this standard	FREQUENT LEAKAGES. POOR SERVICE TO END USERS COUPLED WITH FREQUENT BREAKDOWNS. THIS SYSTEM WILL ENHANCE UPTIME AND REDUCE BREAKDOWNS. FEW INSTALLERS MAKE ONE END EXPANSION ON SITE AND MAJORITY DONT THUS COMPROMISE WITH THE QUALITY OF PIPELINE CIRCUIT AND WALL, PILLAR BENDS OF PIPES GET WORN OUT. INDIA DOES NOT HAVE ITS OWN STANDARD , PARTIAL HTM 02 01 IS FOLLOWED DURING INSTALLATION AS PER PERSONAL KNOWLEDGE ON INSTALLERS.
15. Bearing with Govt legislation regulation, etc	NA

16. Name and address of manufacturers/ implementing/ industries/ purchasing organization /component supplier/ raw material supplier, if any	PURCHASING CONTRACTING COMPANIES - SRISHTY MEDICAL PRIVATE LIMITED, PUSHPA SALES PRIVATE LIMITED, SANKET ELECTRO MEDICAL, ANK SERVICES, ATCORP MARKETING, WARSI MEDICO SYSTEMS AND SERVICES, RAGHU AGENCIES, MEDICAL GAS PIPE LINE SERVICES, UNITED SERVICES, TECHNO MEDICARE, PREMIER HEALCARE TECHONOLOGIES, PERFECT MEDICAL SOLUTION, NSP HOSPITECH INDIA PVT. LTD.,MEDICARE PLUS HEALTHCARE (P) LIMITED, HYDEROTECH ENGINEERING, DEV SURGICAL, B.R. MEDICAL SOLUTION ETC
17. Status of the industry in the country	GROWING VERY FAST ANUALLY AS WE SAW ACUTE SHORTAGE DURING COVID
18. Availability of test facilities in the country	MULTIPLE GOVERNMENT APPROVED LABS IN EACH AND EVERY STATE.
19. Whether related to variety reduction, export, health, safety consumer protection, mass consumption, energy conservation, technology transfer, technology upgradation, protection of environment & other National priorities	NA
20. Whether subject requires consideration to be given to women/girl issues in line with Sustainable Goal 5 of the UN. If so, whether the issues are proposed to be addressed suitably in the proposed standard	NA
21. Relevant supportive document (download docs)	NOTE FOR ONE END EXPANSION REFER TO PAGE NO. 106 & 107 1. Attachment 
22. R & D work done in india	MANY MANUFACTURERS ARE CONTINUOUSLY WORKING TOWARD ENHANCING THE QUALITY OF PIPES. HOW CAN IT BE SAVED FROM FAILURES. WE ARE MANUFACTURING ONE END EXPANDED AT FACTORY ITSELF IN CONTROLLED ENVIRONMENT FOR BETTER QUALITY AND LESSER FIELD FAILURES
23. Any foreign collaboration (give details)	NA
24. Liaison with any organisation(s)	LIASONING MAY BE REQUIRED WITH OEM AND HOSPITAL DIRECTORS TO MAKE THEM UNDERSTAND HOW FAILURES CAN BE REDUCED
25.A. Preparatory work	No draft possible
25.B. Preparatory work (Details)	ABOVE QA ANSWER MOST OF THE PROBLEMS AND SOLUTIONS
26. Whether this project can be funded by your organization	YES
27. Whether your organisation would be interested to opt for BIS Standard Mark once the standard is published?	YES
28. Any Other Attachment (extra)	

[B. Action Logs](#)

[C. Communications](#)

[Circulate Proposal to Members](#)

[Action/Update](#)