भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा संदर्भ : सी एम डी- III/16 : आई एस 9471 (Pt 5/ Sec 1) **28 05 2019**

विषय : आई एस 9471 (Pt 5/ Sec 1): 1980 के अनुपालन हेतु एस आई टी ।

सभी शाखा कार्यालय से आग्रह है कि एस आई टी का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

औरोस्मिता कबिराज
वैज्ञानिक सी (सी एम डी-III)

प्रमुख (सी एम डी-III)
सभी क्षेत्रीय/शाखा कार्यालय
आई टी एस विभाग – बीआईएस इंट्रानेट पर डालने हेतू

BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)

Our Ref: CMD-III/16 : IS 9471 (Pt 5/ Sec 1) **28 05 2019**

Subject: SIT for IS 9471 (Part 5/ Sec 1): 1980, 'Specification For Modular Lower Limb Orthotic Components Part 5 Joint Unit Section 1 Knee'.

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the SIT with immediate effect.

Aurosmita Kabiraj
Sc-C (CMD-III)

Head (CMD-III)
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Scheme of Inspection And Testing for Certification of 'Specification For Modular Lower Limb Orthotic Components Part 5 Joint Unit Section 1 Knee' according to IS 9471 (Pt 5/ Sec 1)

1. LABORATORY – A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in column 2 of Table 1) and staffed, where different tests given in the specification shall be carried out in accordance with the methods given in the specification.

1.1 The manufacturer shall prepare a calibration plan for the test equipment.

2. TEST RECORDS – The manufacturer shall maintain test records for the tests carried out to establish conformity.

3. LABELLING AND MARKING – As per the requirements of IS 9471 (Pt 5/ Sec 1).

4. CONTROL UNIT – All the components manufactured from the same raw material in a day or a part, thereof, shall constitute one control unit.

5. LEVELS OF CONTROL – The tests as indicated in column 1 of Table 1 and the levels of control in column 3 of Table 1, shall be carried out on the whole production of the factory which is covered by this plan and appropriate records maintained in accordance with paragraph 2 above.

5.1 All the production which conforms to the Indian Standard and covered by the licence should be marked with Standard Mark.

6. REJECTIONS – Disposal of non-conforming product shall be done in such a way so as to ensure that there is no violation of provisions of BIS Act, 2016.

TABLE 1

(1)				(2)	(3)		
TEST DETAILS				**TEST EQUIPMENT REQUIREMENT**	**LEVELS OF CONTROL**		
Clause	**Requirement**	**TEST METHODS**		R: required (or) S: Sub-contracting permitted	**No. of Samples**	**Frequency**	**Remarks**
		Clause	**Reference**				
3	Shape and Dimensions	3.1 – 3.5	IS 9471 (Pt 5/ Sec 1)	R	Each joint unit	-	
4	Material	4.1 – 4.4	-do-	S	Each consignment	-	No further testing is required if material is accompanied with TC or ISI marked
5	Workmanship and Finish	5	-do-	R	Each joint unit	-	
6	Heat treatment	6	-do-	R	Two samples	Each control unit	If any sample fails, two more samples to be tested. Lot to be accepted only if both the samples pass.

Note-1: Sub- contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled by the Bureau.

Note-2: Levels of control given in column 3 are only recommendatory in nature. The manufacturer may define the control unit/batch/lot and submit his own levels of control in column 3 with proper justification for approval by BO Head.