

**AMENDMENT NO. 1 APPROVED ON 1985-06-26**

**SLS 308 - SPECIFICATION FOR DOUBLE EDGED STAINLESS STEEL SAFETY RAZOR BLADES (METRIC UNITS)**

**REQUIREMENTS - Clause 3**

Incorporate the following into clause 3.

**“3.9 Performance test** - When tested in accordance with the method given in appendix A, the blades shall comply with the requirements given in A.4.3.”

**SAMPLING - Clause 6**

**6.1** Change first two words to read as :

‘Two samples .....’

**6.2** Delete the second sentence and substitute the following:

“Two blades shall be taken from each packet to form two samples of 40 blades each”.

**6.3** Delete this clause and substitute the following:

‘**Single blades** : if single blades are marketed without packets, then they shall be divided into 40 equal strata and two blades shall be drawn from each stratum at random to form two samples of 40 blades each.’

**6.4** Delete this clause and substitute the following:

“Each of the 40 blades in one sample shall be subjected to test given in 7. The other sample shall be subjected to the performance test given in Appendix A”.

**CONFORMITY TO STANDARD**

**8.1** Delete this clause and substitute the following:

“The lot as defined in clause 2.9 shall be considered as conforming to this standard, if two samples drawn in accordance with clause 6 satisfy the following conditions:

**8.1.1** The sample of blades tested according to clause 7 shall comply with the following:

**8.1.1a)** the average number of nicks per blade edge, obtained by dividing the total number of nicks observed, by twice the sample size examined is less than or equal to 3, and the maximum number of nicks that need be used in this computation is 7 per blade edge.

**8.1.1b)** the number of blades defective in any one of the parameters specified in clause 2.8 does not exceed 4, or, number of blades defective in all the parameters taken together does not exceed 8.

Otherwise the lot shall be considered as not conforming to this specification.

**8.1.2** The blades of the other sample when tested according to the method given in **Appendix A**, shall fulfil all the criteria in **A.4.3**

Otherwise the lot shall be considered as not conforming to this specification.

**Incorporate the following an Appendix A performance test for stainless steel blades**

**A.1 General**

**A.1.1** The test shall be carried out on  $24 \pm 2$  hours old human 'stubble'

**A.2 Procedure**

**A.2.1** The blade shall be fitted to a safety razor and the operator shall shave using his usual shaving technique and following the guidelines for the use of the blades given by the manufacturer.

**A.3** Size of the panel of operators and the number of blades to be tested.

**A.3.1** For evaluating the performance, a panel consisting of five operators shall be formed. Each operator shall be given eight blades (see clause 6 on sampling) and shall be required to shave on consecutive days till the blade has become unsatisfactory for use.

**A.4** Expression of results and evaluation of the performance.

**A.4.1** The operator shall grade the shaving satisfaction (with regard to smoothness and closeness of the shave) on each day by awarding points in a scale of 1-5. For the purpose of this standard, the points 1 to 5 shall indicate the performance as follows:

Point 1      Very unsatisfactory

Point 2      Unsatisfactory

Point 3      Average (neither unsatisfactory nor satisfactory)

Point 4      Satisfactory

Point 5      Very satisfactory

**A.4.2** The number of shaves for all the 40 blades and the corresponding scores shall be totalled up separately and average number of shaves per blade and average score per shave shall be calculated.

**A.4.3** The blades shall be considered satisfactory with regard to the performance requirement when the following criteria are fulfilled.

- a.      The average number of shaves per blade is 6 or more.
- b.      The average score per shave is 3.5 or more.
- c.      When the average score per shave is less than 3.5, then in order to give weightage to the number of extra shaves a value of 0.10 shall be added for every 0.5 extra average shave beyond 6.0.

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