ensuring:

Accuracy in the measurements of thickness, equal to 0.1mm;

Accuracy in the measurements of width and length equal to 1mm.

4.3. Non flatness is checked by measuring the distance from the surface plate to the lower surface edge of sheet or plate on all the four sides when the sheets or plates are laid freely on surface table.

4.4. Surfaces of sheets and plates should be examined visually.

4.5. During tensile testing, mechanical properties are determined as per GOST 1497-75:

For sheets - On flat "Short" test pieces, TYPE I;

For plates - On cylindrical short tests pieces TYPE III.

4.6. Impact strength is determined as per GOST 9454-78.

4.7. Hardness is determined as per GOST 9012-59.

4.8. Bullet proof properties is determined in accordance with the requirements of the present standard. Requirements to the firing grounds, and their equipments, weapons, ammunitions, preparations for the test, the test and working out the results of the tests are in accordace with the existing standard technical manuals.

Testing of shelling board may be carried out with reduced charge when the firing distance is changed.

4.9. The damage is acceptable when the bulges are without surface ruptures and cracks or when the surface ruptures and cracks are not through (appendix 3). If the visual determination of the chracter of damage is difficult, inspection should be carried out by pouring kerosene or by slitting the place of damage with subsequent polishing.

5. MARKING, PACKING AND TRANSPORTATION

5.1. On one of the corners and at a distance not more than 25mm from the edge along the width of every sheet and plate, markings showing the alloy grade, delivery conditions, batch number, serial number of sheets and plates in the batch and thickness of sheet or plate should be punched; Marks of service Technical inspection and optinnal of the customer's representative.

5.2. Packing and transportation marking of sheets and plates should be carried out in accordance with the requirements of the existing standard technical manuals.

Sheets and plates are transported by all kinds of transports. During transportation sheets and plates should be protected from atmospheric precipitation.

Packed and unpacked sheets and plates during transportation should be fastened to ensure their

their protection from mechanical damages.

5.3. Every batch of sheets and plates should be accompanied by certificates, certifying the conformity of sheets and plates to the requirements of the present standard, indicating:

Name of the manufacturing firm;

Alloy grade and delivery conditions;

Final report, that chemical composition conforms to the requirements of the present standard;

Dimensions of sheets and plates;

Batch number and Casting number.

Number of sheets and plates and mass of batch;

Results of testing of mechanical properties - maximum and minimum values;

Actual condition of II stage artificial ageing of shelling boards for special testings;

Hardness value of shelling board after II stage artificial ageing;

Present standard number;

Final report, that results of special tests conform to the requirements of the present standard showing the number of damage,

Certificate should have the signatures of service technical inspection and of representative of customer of manufacturing firm.

APPENDIX - I (COMPULSORY)

CHART OF DAMAGES - CAUSED BY ARMOUR PIERCING BULLETS DURING FIRING TESTS ON COMPONENTS.

No.	Description of the damage	Assesment.
1.	No bulge on the rear face.	Acceptable.
2.	Bulge of any size on rear face	Acceptable.
3.	Bulge of any size on rear face with surface ruptures and cracks which are not through. In doubtful cases damages should be checked with kerosene - kerosene should not seep.	Acceptable.
4.	Bulge of any size on rear face with radial ruptures and cracks. In doubtful cases, damages should be checked with kerosene - kerosene should seep.	Defeat.
5.	On rear face, outlined plug without piercing.	Defeat.
6.	On rear face, bulge of any, size with rupture on circumference with outlined splitting.	Defeat.
7.	Splitting of any form and size on the rear side without piercing the armour	Defeat.
8.	On rear face, through piercing with clear on ruptured edges or knocked out plug, on coming out of the bullet from the rear side	Defeat.
9.	Through piercing with splitting of any form and depth on rear side	Defeat.
10.	Breakage of plate through cracks, exceeding value of damage which may be caused by firing test.	Defeat.

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