Figure UG-84.1
Charpy V-Notch Impact Test Requirements for Full-Size Specimens for Carbon and Low Alloy Steels, Having a Specified Minimum Tensile Strength of Less Than 95 ksi, Listed in Table UCS-23

GENERAL NOTES:
(a) Interpolation between yield strengths shown is permitted.
(b) The minimum impact energy for one specimen shall not be less than $\frac{2}{3}$ of the average energy required for three specimens. The average impact energy value of the three specimens may be rounded to the nearest ft-lb.
(c) Material produced and impact tested in accordance with SA-320, SA-333, SA-334, SA-350, SA-352, SA-420, impact tested SA/AS 1548 (L impact designations), SA-437, SA-540 (except for materials produced under Table 2, Note 4 in SA-540), and SA-765 do not have to satisfy these energy values. See UCS-66(g).
(d) For materials having a specified minimum tensile strength of 95 ksi or more, see UG-84(c)(4)(b).

NOTE:
(1) Average of three specimens.
Figure UG-84.1M
Charpy V-Notch Impact Test Requirements for Full-Size Specimens for Carbon and Low Alloy Steels, Having a Specified Minimum Tensile Strength of Less Than 655 MPa, Listed in Table UCS-23

GENERAL NOTES:
(a) Interpolation between yield strengths shown is permitted.
(b) The minimum impact energy for one specimen shall not be less than \( \frac{2}{3} \) of the average energy required for three specimens. The average impact energy value of the three specimens may be rounded to the nearest J.
(c) Material produced and impact tested in accordance with SA-320, SA-333, SA-334, SA-350, SA-352, SA-420, impact tested SA/AS 1548 (L impact designations), SA-437, SA-540 (except for materials produced under Table 2, Note 4 in SA-540), and SA-765 do not have to satisfy these energy values. See UCS-66(g).
(d) For materials having a specified minimum tensile strength of 655 MPa or more, see UG-84(c)(4)(b).

NOTE:
(1) Average of three specimens.