By quenching parts immediately after forging operations, forging companies may be able to eliminate steps from the post-forging heat treatment process; resulting in significant cost savings and reduced lead times. This talk presents the latest results from metallurgical evaluations of forgings that were hardened in IQT’s Direct from the Forge Intensive Quench (DFIQ) processing equipment at Clifford-Jacobs Forgings. Forgings of different configurations, ranging in weight from 10 to 80 lbs and made of alloy and plain carbon steels were subjected to the DFIQ process. All forgings were processed in IQT’s portable 600-gallon DFIQ unit. After DFIQ, all forgings were snap tempered at 400°F, inspected for quench cracks (using the Magnaflux method) and then tempered to a specified hardness. Material mechanical properties will be reported.