

Part 1: 35 Questions
Passing Score is 60% or Greater

Content Domain	Percent of Questions on Exam
Mathematics	25%
Physics	50%
Chemistry	25%
TOTAL	100%

Part 2: 25 Questions
Passing Score is 60% or Greater

Content Domain	Percent of Questions on Exam
Strength of Materials	40%
Heat Transfer and Fluid Mechanics	30%
Electricity	30%
TOTAL	100%

Part 3: 60 Questions
Passing Score is 60% or Greater

Content Domain	Percent of Questions on Exam
NDE/Weld Discontinuities	10%
Welding Heat Sources and Arc Physics	20%
Welding Processes and Controls	20%
Welding and Joint Metallurgy	20%
Weld Design	20%
Brazing and Soldering	5%
Safety	5%
TOTAL	100%

Part 4: 40 Questions
Passing Score is 60% or Greater

Content Domain	Percent of Questions on Exam
Fabrication	25%
Filler Metals	15%
Inspection	20%
Productivity	10%
Welder Performance Qualification	10%
Welding Procedure Qualification	20%
TOTAL	100%