

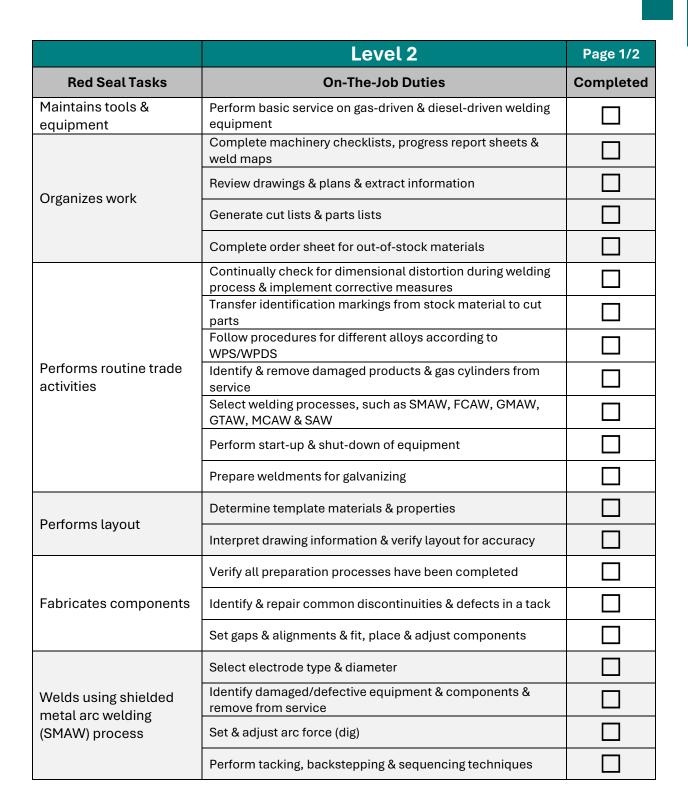




	Level 1	Page 3/3
Red Seal Tasks	On-The-Job Duties	Completed
Uses air carbon arc cutting (CAC-A) process for cutting & gouging	Selects type & size of carbon electrodes & air supply	
	Attach components to power source & air supply	
	Set amperage & adjust regulator	
	Maintain electrode to work angle & adjust electrode stick-out during use	
Welds using shielded metal arc welding (SMAW) process	Select power source according to application	
	Select machine settings on power source	
	Determine parameters according to WPS/WPDS & set/adjust amperage	
	Identify weld discontinuities & defects using visual inspection	
Welds using flux cored arc welding (FCAW), metal cored arc welding (MCAW) and gas metal arc welding (GMAW) processes	Select wire type & diameter	
	Feed wire through drive rolls, liner & gun & clip end of wire for appropriate stick-out	
	Determine parameters according to WPS/WPDS & application	
	Perform tacking, backstepping & sequencing techniques	

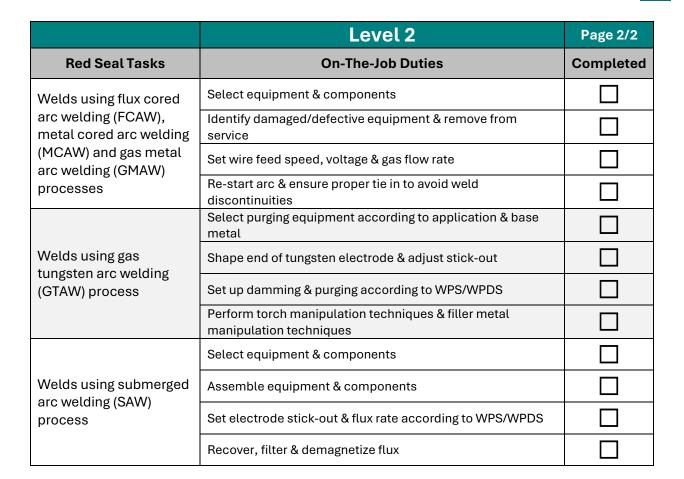


# Welder On-the-Job Checklist



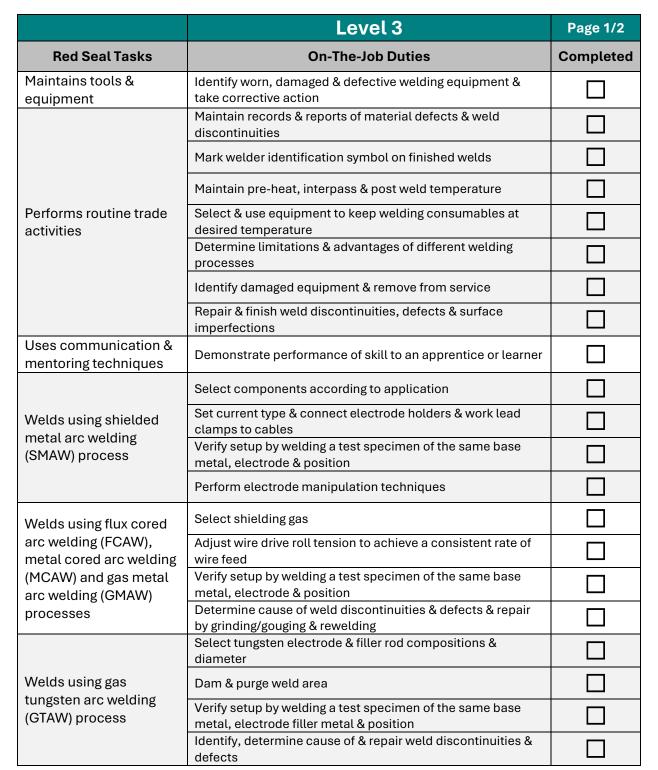








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	Level 3	Page 2/2
Red Seal Tasks	On-The-Job Duties	Completed
Welds using submerged arc welding (SAW) process	Select flux to ensure fusion & avoid weld discontinuities	
	Fill flux hopper & verify setup by tracking consistency & required travel speed	
	Verify setup by welding a test specimen of same base metal, electrode & position	
	Identify, determine cause of & repair weld discontinuities & defects	



# Welder On-the-Job Checklist



#### Information Regarding the Checklist

Saskatchewan Apprenticeship and Trade Certification Commission's (SATCCs) On-The-Job Checklist provides a complete list of trade-specific Red Seal tasks for apprentices to complete under the supervision of a journeyperson. This work should be completed prior to attending the technical training level under which the duties are listed (e.g. Level 1 completed prior to attending Level 1 technical training).

Completing this checklist will ensure that apprentices are exposed to the full scope of a particular Red Seal trade throughout their apprenticeship program. It will also help prepare apprentices for each level of technical training by performing work on-the-job relating specifically to topics covered later on. The trade-specific tasks listed have been reviewed by certified journeypersons in Saskatchewan for their accuracy and have been set to an appropriate skill level.

An apprentice spends approximately 85% of their apprenticeship term training on-the-job. It is the both the apprentice and the employer's or journeyperson's responsibility to supervise an apprentice's practical skills development during their program.

To promote transparency and consistency, this document aligns with the 2023 Welder Red Seal Occupational Standard (Employment and Social Development Canada).

A complete version of the Occupational Standard can be found at www.red-seal.ca

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