



To whom it may concern:

This letter is to verify that Johnny Melborn has participated in a Transferable Trade Skills profile session. Johnny currently possesses skills for the following trade:

90% Agricultural Equipment Technician

The Transferable Trade Skills system provides participants with a detailed profile of their trade related skill sets. This then allows individuals to use their profile to expand their employability in different trades and sectors of the industry.

Upon completion of the session the system found that Johnny had skills that could be transferred to other trades, and the trade that the worker wishes to find employment in is the Heavy Duty Equipment Technician. The system also recognized that Johnny possess 71% of the skills required for the Heavy Duty Equipment Technician trade.

The system has produced a report showing the skills that the worker could use in the above trade with no further training and also identified the skills that would require upgrading or training to become competent as a Heavy Duty Equipment Technician.

To be certificated in the trade of Heavy Duty Equipment Technician, Johnny can obtain the balance of the required skills through on-the-job training and/or a course upgrade to prepare to challenge the Trade Qualification exam.

Alexander Zogheb
Transferable Trade Skills



SKILL SUMMARY

Contact Information

Johnny Melborn 1234 My Street Mission, BC V2V 4J1	Cell Phone: (604) 555-1234 Home Phone: (604) 777-1234 E-Mail: jmelborn@isp.ca
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Trade Information

Existing Trades 90% Agricultural Equipment Technician - Red Seal	Desired Trade Heavy Duty Equipment Technician - Red Seal Current Completion: 71%
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Skill Summary



Johnny is 100% proficient in the following Heavy Duty Equipment Technician skills

- COMPRESSORS, STARTERS, CONTROLS AND ACCESSORIES
- DIESEL ENGINES
- DIESEL FUEL SYSTEMS
- GASOLINE FUEL INJECTION SYSTEMS
- HYDRAULIC ANTI - LOCK BRAKE SYSTEMS
- HYDRAULIC BRAKING SYSTEMS
- HYDRAULIC SYSTEMS

Remaining Heavy Duty Equipment Technician skills required to become certified
 (Percentages represent current level of completion)

- 33% - AIR ANTI - LOCK BRAKE SYSTEMS
- 75% - AIR BRAKE SYSTEMS
- 0% - AIR CONDITIONING SYSTEMS
- 50% - DRIVE AXLES AND FINAL DRIVES
- 89% - ELECTRICAL CIRCUITS
- 73% - ELECTRONIC DIESEL FUEL SYSTEMS
- 90% - ENGINE SYSTEMS
- 78% - GASOLINE AND ALTERNATE FUEL ENGINES
- 0% - SERVICE CLUTCHES
- 14% - STANDARD TRANSMISSIONS AND DRIVELINES
- 75% - STEERING SYSTEMS
- 0% - TORQUE CONVERTERS POWERSHIFTS AND AUTOMATIC TRANSMISSION SYSTEMS
- 0% - VEHICLE RETARDERS

Other Certifications

WHIMIS

The following profile has been prepared by a professional trade counsellor to reflect the skill proficiency of the above worker based on data supplied by the worker.

Agricultural Equipment Technician - NOC: 7312.10 90% Complete

Johnny Melborn

AIR ANTI - LOCK BRAKE SYSTEMS	AIR ANTI - LOCK BRAKE SYSTEMS; SERVICE <input checked="" type="checkbox"/>	AIR ANTI - LOCK BRAKE SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	A.B.S. CONTROL SYSTEM VARIATIONS FOR POWERED VEHICLES; IDENTIFY	A.B.S. CONTROL SYSTEM VARIATIONS FOR TOWED VEHICLES; IDENTIFY
	AIR ANTI - LOCK BRAKE SYSTEM COMPONENTS; DESCRIBE	AIR ANTI - LOCK SYSTEMS FAILURES; DIAGNOSE AND ANALYZE		
AIR BRAKE SYSTEMS	ADVANCED AIR BRAKE SYSTEMS, PREVENTATIVE MAINTENANCE; SERVICE <input checked="" type="checkbox"/>	ADVANCED AIR BRAKE SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	AIR BRAKE SYSTEM COMPONENTS; SERVICE <input checked="" type="checkbox"/>	IMPORTANCE OF CORRECT WHEEL SERVICE; DESCRIBE <input checked="" type="checkbox"/>
	OPERATION OF ADVANCED AIR BRAKE SYSTEMS; DESCRIBE TYPES OF <input checked="" type="checkbox"/>	OPERATION OF AIR BRAKE SYSTEM COMPONENTS; DESCRIBE TYPES OF <input checked="" type="checkbox"/>	OPERATION OF FOUNDATION BRAKE ASSEMBLIES; DESCRIBE	OPERATION OF TRAILER AIR BRAKE SYSTEMS; DESCRIBE TYPES OF
ATTACHMENTS	TYPES OF ATTACHMENTS; SERVICE <input checked="" type="checkbox"/>	TYPES OF ATTACHMENTS; USE AND IDENTIFY <input checked="" type="checkbox"/>		
COMPRESSORS, STARTERS, CONTROLS AND ACCESSORIES	AIR DRYERS; SERVICE <input checked="" type="checkbox"/>	AIR OPERATED ACCESSORIES; SERVICE <input checked="" type="checkbox"/>	AIR OPERATED CONTROLS; SERVICE <input checked="" type="checkbox"/>	AIR STARTING SYSTEMS; SERVICE <input checked="" type="checkbox"/>
	INDUSTRIAL AIR COMPRESSORS; SERVICE <input checked="" type="checkbox"/>			
DIESEL ENGINES	AIR INDUCTION SYSTEM COMPONENTS; SERVICE <input checked="" type="checkbox"/>	CAMSHAFTS, TIMING GEARS, CHAINS AND BEARINGS; SERVICE <input checked="" type="checkbox"/>	CRANKSHAFTS, MAIN BEARINGS AND SEALS; SERVICE <input checked="" type="checkbox"/>	CYLINDER BLOCKS AND COMPONENTS; SERVICE <input checked="" type="checkbox"/>
	CYLINDER HEADS AND VALVES; SERVICE <input checked="" type="checkbox"/>	DIESEL ENGINES, PERFORM TROUBLESHOOTING PROCEDURES; TROUBLESHOOT <input checked="" type="checkbox"/>	ENGINE BALANCERS; SERVICE <input checked="" type="checkbox"/>	ENGINE BRAKES; SERVICE <input checked="" type="checkbox"/>
	ENGINE HYDRAULIC RETARDERS; SERVICE <input checked="" type="checkbox"/>	FLYWHEELS, DAMPERS AND HOUSING; SERVICE <input checked="" type="checkbox"/>	INSTALLATION OF FUEL SYSTEM COMPONENTS AND PERFORM COLD TUNE - UP; SERVICE <input checked="" type="checkbox"/>	PERFORM PRE - START AND OPERATING CHECKS, AND BASIC ENGINE TUNE - UP; SERVICE <input checked="" type="checkbox"/>
	PISTONS, PISTON RINGS, CONNECTING RODS AND BEARINGS; SERVICE <input checked="" type="checkbox"/>	REMOVE, DISASSEMBLE, STORE AND REINSTALL DIESEL ENGINE; SERVICE <input checked="" type="checkbox"/>	PERFORM CALCULATIONS RELATED TO INTERNAL COMBUSTION PROCESS; REVIEW <input checked="" type="checkbox"/>	

DIESEL FUEL SYSTEMS	CUMMINS (P.T.) FUEL SYSTEMS; SERVICE	DIESEL FUEL INJECTORS; SERVICE	FUEL SUPPLY CIRCUITS; SERVICE	OPPOSED - PLUNGER INLET METERING DISTRIBUTOR PUMPS; SERVICE	
	PORT AND HELIX METERED FUEL INJECTION SYSTEMS; SERVICE	SLEEVE METERING FUEL INJECTION PUMPS; SERVICE	UNIT INJECTOR FUEL SYSTEMS; SERVICE	CHARACTERISTICS OF DIESEL FUELS; IDENTIFY	
	DIESEL FUEL INJECTORS; DESCRIBE	ENGINE PERFORMANCE; TEST/ DIAGNOSE AND ANALYZE	FUEL PUMP GOVERNORS; DESCRIBE		
ELECTRICAL CIRCUITS	AN ALTERNATOR; SERVICE	BATTERIES AND CABLES; SERVICE	CHARGING SYSTEMS; SERVICE	CHARGING SYSTEMS; TROUBLESHOOT	
	ELECTRICAL CIRCUITS; SERVICE	ELECTRICAL CIRCUITS; TROUBLESHOOT	ELECTRONIC IGNITION SYSTEMS; SERVICE	EMISSION CONTROLS; SERVICE	
	ENGINE TUNE-UP; SERVICE/REPAIR	IGNITION SYSTEMS; TROUBLESHOOT	STANDARD IGNITION SYSTEMS; SERVICE	STARTER MOTOR DRIVES; SERVICE	
	STARTER SYSTEM CONTROL SWITCHES; SERVICE	STARTERS; SERVICE	STARTING SYSTEMS; TROUBLESHOOT	CHARGING SYSTEMS FAILURES; DIAGNOSE AND ANALYZE	
	ELECTRICAL CIRCUITS; DIAGNOSE AND ANALYZE	ELECTRICAL INSTRUMENTS; DESCRIBE	ELECTRICAL METERS AND EQUIPMENT; REVIEW	ELECTRICAL TESTING EQUIPMENT; DESCRIBE	
	ELECTRICAL THEORY; REVIEW	GENERAL THEORY OF ELECTRICITY AND ELECTRICAL COMPONENTS; REVIEW	IGNITION SYSTEMS; DIAGNOSE AND ANALYZE	PREVENTATIVE MAINTENANCE OF LEAD ACID BATTERIES; REVIEW	
	STARTING SYSTEMS FAILURES; DIAGNOSE AND ANALYZE				
	ELECTRONIC DIESEL FUEL SYSTEMS	CATERPILLAR ELECTRONIC FUEL SYSTEM; SERVICE	CUMMINS ELECTRONIC CONTROLS; SERVICE	DETROIT DIESEL ELECTRONIC CONTROLS; SERVICE	DIESEL ENGINE ELECTRONIC CONTROL SYSTEMS; TROUBLESHOOT
		ROBERT BOSCH ELECTRONIC CONTROL SYSTEM; SERVICE	CATERPILLAR ELECTRONIC FUEL SYSTEMS; IDENTIFY	CUMMINS ELECTRONIC CONTROLS; IDENTIFY	DETROIT DIESEL ELECTRONIC CONTROLS; IDENTIFY

	DIESEL ENGINE ELECTRONIC CONTROL SYSTEMS FAILURES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	INTRODUCE ELECTRONIC FUEL INJECTION SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>	ROBERT BOSCH ELECTRONIC CONTROL SYSTEMS; IDENTIFY <input checked="" type="checkbox"/>	
ENGINE SYSTEMS	AIR INDUCTION SYSTEMS; SERVICE AND TROUBLESHOOT	COOLING SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>	ELECTRICAL/ELECTRONIC SENTINEL SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>	EXHAUST SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>
	LUBRICATION SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>	AIR INDUCTION SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	COOLING SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	ELECTRICAL/ELECTRONIC SENTINEL SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>
	EXHAUST SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	LUBRICATION SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>		
GASOLINE AND ALTERNATE FUEL ENGINES	FUEL SUPPLY CIRCUITS; SERVICE <input checked="" type="checkbox"/>	GASOLINE SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	PREVENTATIVE MAINTENANCE ON GASOLINE SYSTEMS; SERVICE <input checked="" type="checkbox"/>	DESCRIBE CARBURETION; DESCRIBE <input checked="" type="checkbox"/>
	GASOLINE FUEL SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>	GASOLINE SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	IDENTIFY CHARACTERISTICS OF FUELS; DESCRIBE <input checked="" type="checkbox"/>	NATURAL GAS FUEL SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>
	PROPANE FUEL SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>			
GASOLINE FUEL INJECTION SYSTEMS	GASOLINE FUEL INJECTION SYSTEMS; SERVICE <input checked="" type="checkbox"/>	GASOLINE FUEL INJECTION SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	GASOLINE FUEL INJECTION SYSTEMS FAILURES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	GASOLINE FUEL INJECTION SYSTEMS; COMPARE <input checked="" type="checkbox"/>
	GASOLINE FUEL INJECTION SYSTEMS; IDENTIFY <input checked="" type="checkbox"/>			
HARVESTING EQUIPMENT	COMBINE ADJUSTMENT PROCEDURES; DESCRIBE	COMBINE ATTACHMENTS; DESCRIBE	TYPES OF COMBINES; DESCRIBE	
HAY AND FORGING EQUIPMENT	ATTACHMENTS TO FORAGE HARVESTERS; USE AND IDENTIFY	TYPES OF BALERS (ROUND AND SQUARE); SERVICE	ATTACHMENTS TO FORAGE HARVESTERS; DESCRIBE <input checked="" type="checkbox"/>	TYPES OF FORAGE HARVESTERS; DESCRIBE <input checked="" type="checkbox"/>
	TYPES OF MOWERS; DESCRIBE <input checked="" type="checkbox"/>	TYPES OF TEDDERS AND RAKES; DESCRIBE <input checked="" type="checkbox"/>		

HITCHES	3 - HITCHES; TROUBLESHOOT	3 - POINT HITCHES CATEGORIES, CONFIGURATIONS, CONTROLS AND APPLICATIONS ; DESCRIBE	3 - POINT HITCHES; DIAGNOSE AND ANALYZE	
HYDRAULIC ANTI - LOCK BRAKE SYSTEMS	ANTI - LOCK BRAKING SYSTEMS; SERVICE	ANTI - LOCK BRAKING SYSTEMS; TROUBLESHOOT	A.B.S. CONTROL SYSTEMS VARIATIONS; IDENTIFY	A.B.S. SYSTEM COMPONENTS; DESCRIBE
	ANTI - LOCK BRAKING SYSTEMS FAILURES; DIAGNOSE AND ANALYZE			
HYDRAULIC BRAKING SYSTEMS	ADVANCED HYDRAULIC BRAKING SYSTEMS, PREVENTATIVE MAINTENANCE; SERVICE	ADVANCED HYDRAULIC BRAKING SYSTEMS; TROUBLESHOOT	HYDRAULIC BRAKING SYSTEMS COMPONENTS; SERVICE	CHARACTERISTICS AND APPLICATIONS OF HYDRAULIC BRAKE FLUIDS; DESCRIBE
	HYDRAULIC BRAKING SYSTEM COMPONENTS; DESCRIBE TYPES OF	OPERATION OF PARK BRAKING SYSTEMS; DESCRIBE	OPERATION OF POWER BRAKING SYSTEMS; DESCRIBE	OPERATION OF SKID CONTROL SYSTEMS; DESCRIBE
HYDRAULIC SYSTEMS	ADVANCED HYDRAULIC SYSTEMS FAILURES; TROUBLESHOOT	ADVANCED HYDRAULIC SYSTEMS; SERVICE	HYDRAULIC CYLINDERS AND SEALS; SERVICE	HYDRAULIC PUMPS AND MOTORS; SERVICE
	HYDRAULIC SYSTEM HEAT EXCHANGERS AND ACCUMULATORS; SERVICE	HYDRAULIC VALVES; SERVICE	ADVANCED HYDRAULIC SYSTEMS AND FAILURE; DIAGNOSE AND ANALYZE	HYDRAULIC FLUIDS AND SEALS; DESCRIBE TYPES OF
	HYDRAULIC HOSES, LINES AND FITTINGS; DESCRIBE TYPES OF	SCHEMATIC DRAWINGS; READ AND INTERPRET		
IRRIGATION EQUIPMENT	IRRIGATION SYSTEMS; SERVICE AND REPAIR	TYPES OF IRRIGATION EQUIPMENT; SERVICE		
MATERIAL HANDLING AND PROCESSING EQUIPMENT	TYPES OF BELT, CHAIN AND GEAR DRIVES; SERVICE	TYPES OF AUGERS; DESCRIBE	TYPES OF FEED AND BALE WAGONS; DESCRIBE	TYPES OF MANURE SPREADERS; DESCRIBE
	TYPES OF TUB GRINDERS; DESCRIBE			
POWER TAKE - OFF (PTO) SYSTEMS	CONFIGURATIONS, OPERATION AND POWER FLOWS TO PTO'S; DESCRIBE	CONTROL SYSTEMS FOR PTO'S; DESCRIBE	PTO'S USING DYNAMOMETER TESTING; DESCRIBE	

POWER TRAIN SYSTEMS	SERVICE REQUIREMENTS FOR CLUTCHES; IDENTIFY <input checked="" type="checkbox"/>	DIFFERENTIALS; DESCRIBE <input checked="" type="checkbox"/>	FINAL DRIVES; DESCRIBE <input checked="" type="checkbox"/>	HYDROSTATIC DRIVES; DESCRIBE <input checked="" type="checkbox"/>
	MANUAL SHIFT TRANSMISSION; DESCRIBE <input checked="" type="checkbox"/>	POWER SHIFT TRANSMISSIONS; DESCRIBE <input checked="" type="checkbox"/>		
RIMS AND TIRES	TIRES AND WHEELS; DESCRIBE <input checked="" type="checkbox"/>			
SEEDING EQUIPMENT	TYPES OF PLANTERS; SERVICE <input checked="" type="checkbox"/>			
SPRAYERS AND APPLICATION EQUIPMENT	IDENTIFY SAFE WORK PROCEDURES <input checked="" type="checkbox"/>	TYPES OF PUMPS; SERVICE <input checked="" type="checkbox"/>	TYPES OF SPRAYER; SERVICE <input checked="" type="checkbox"/>	APPLICATION OF REGULATIONS; DESCRIBE <input checked="" type="checkbox"/>
	SAFE WORKING PRACTICES; DESCRIBE <input checked="" type="checkbox"/>			
STEERING SYSTEMS	ADVANCED STEERING SYSTEMS FAILURES; TROUBLESHOOT <input checked="" type="checkbox"/>	ADVANCED STEERING SYSTEMS, PREVENTATIVE MAINTENANCE; SERVICE <input checked="" type="checkbox"/>	HYDROSTATIC, POWER AND EMERGENCY STEERING SYSTEMS; SERVICE <input checked="" type="checkbox"/>	POWER STEERING GEARS; SERVICE <input checked="" type="checkbox"/>
	ADVANCED STEERING SYSTEMS, FAILURES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>			
TILLAGE AND CULTIVATION EQUIPMENT	TYPES OF PLOWS AND DISCS AND THEIR SERVICE REQUIREMENTS; USE AND IDENTIFY <input checked="" type="checkbox"/>	TYPES OF PLOWS AND DISCS AND THEIR SERVICE REQUIREMENTS; DESCRIBE <input checked="" type="checkbox"/>	TYPES OF SUBSOILERS (RIPPERS); DESCRIBE <input checked="" type="checkbox"/>	TYPES OF TILLERS AND CULTIVATORS; DESCRIBE <input checked="" type="checkbox"/>

Heavy Duty Equipment Technician - NOC: 7312.00 71% Complete

Johnny Melborn

AIR ANTI - LOCK BRAKE SYSTEMS	AIR ANTI - LOCK BRAKE SYSTEMS; SERVICE <input checked="" type="checkbox"/>	AIR ANTI - LOCK BRAKE SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	A.B.S. CONTROL SYSTEM VARIATIONS FOR POWERED VEHICLES; IDENTIFY	A.B.S. CONTROL SYSTEM VARIATIONS FOR TOWED VEHICLES; IDENTIFY
	AIR ANTI - LOCK BRAKE SYSTEM COMPONENTS; DESCRIBE	AIR ANTI - LOCK SYSTEMS FAILURES; DIAGNOSE AND ANALYZE		
AIR BRAKE SYSTEMS	ADVANCED AIR BRAKE SYSTEMS, PREVENTATIVE MAINTENANCE; SERVICE <input checked="" type="checkbox"/>	ADVANCED AIR BRAKE SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	AIR BRAKE SYSTEM COMPONENTS; SERVICE <input checked="" type="checkbox"/>	IMPORTANCE OF CORRECT WHEEL SERVICE; DESCRIBE <input checked="" type="checkbox"/>
	OPERATION OF ADVANCED AIR BRAKE SYSTEMS; DESCRIBE TYPES OF <input checked="" type="checkbox"/>	OPERATION OF AIR BRAKE SYSTEM COMPONENTS; DESCRIBE TYPES OF <input checked="" type="checkbox"/>	OPERATION OF FOUNDATION BRAKE ASSEMBLIES; DESCRIBE	OPERATION OF TRAILER AIR BRAKE SYSTEMS; DESCRIBE TYPES OF
AIR CONDITIONING SYSTEMS	AIR CONDITIONING SYSTEMS; SERVICE	AIR CONDITIONING SYSTEMS; TEST, DIAGNOSE AND ANALYZE	MAINTAIN AIR CONDITIONING SYSTEMS; SERVICE	APPLICATIONS OF AIR CONDITIONING; IDENTIFY
	FUNDAMENTALS OF AIR CONDITIONING; DESCRIBE	PRINCIPLES OF AIR CONDITIONING; DESCRIBE	PROPERTIES OF MATTER; DESCRIBE	
COMPRESSORS, STARTERS, CONTROLS AND ACCESSORIES	AIR DRYERS; SERVICE <input checked="" type="checkbox"/>	AIR OPERATED ACCESSORIES; SERVICE <input checked="" type="checkbox"/>	AIR OPERATED CONTROLS; SERVICE <input checked="" type="checkbox"/>	AIR STARTING SYSTEMS; SERVICE <input checked="" type="checkbox"/>
	INDUSTRIAL AIR COMPRESSORS; SERVICE <input checked="" type="checkbox"/>			
DIESEL ENGINES	AIR INDUCTION SYSTEM COMPONENTS; SERVICE <input checked="" type="checkbox"/>	CAMSHAFTS, TIMING GEARS, CHAINS AND BEARINGS; SERVICE <input checked="" type="checkbox"/>	CRANKSHAFTS, MAIN BEARINGS AND SEALS; SERVICE <input checked="" type="checkbox"/>	CYLINDER BLOCKS AND COMPONENTS; SERVICE <input checked="" type="checkbox"/>
	CYLINDER HEADS AND VALVES; SERVICE <input checked="" type="checkbox"/>	DIESEL ENGINES, PERFORM TROUBLESHOOTING PROCEDURES; TROUBLESHOOT <input checked="" type="checkbox"/>	ENGINE BALANCERS; SERVICE <input checked="" type="checkbox"/>	ENGINE BRAKES; SERVICE <input checked="" type="checkbox"/>
	ENGINE HYDRAULIC RETARDERS; SERVICE <input checked="" type="checkbox"/>	FLYWHEELS, DAMPERS AND HOUSING; SERVICE <input checked="" type="checkbox"/>	INSTALLATION OF FUEL SYSTEM COMPONENTS AND PERFORM COLD TUNE - UP; SERVICE <input checked="" type="checkbox"/>	PERFORM PRE - START AND OPERATING CHECKS, AND BASIC ENGINE TUNE - UP; SERVICE <input checked="" type="checkbox"/>

	PISTONS, PISTON RINGS, CONNECTING RODS AND BEARINGS; SERVICE	REMOVE, DISASSEMBLE, STORE AND REINSTALL DIESEL ENGINE; SERVICE	PERFORM CALCULATIONS RELATED TO INTERNAL COMBUSTION PROCESS; REVIEW	
DIESEL FUEL SYSTEMS	CUMMINS (P.T.) FUEL SYSTEMS; SERVICE	DIESEL FUEL INJECTORS; SERVICE	FUEL SUPPLY CIRCUITS; SERVICE	OPPOSED - PLUNGER INLET METERING DISTRIBUTOR PUMPS; SERVICE
	PORT AND HELIX METERED FUEL INJECTION SYSTEMS; SERVICE	SLEEVE METERING FUEL INJECTION PUMPS; SERVICE	UNIT INJECTOR FUEL SYSTEMS; SERVICE	CHARACTERISTICS OF DIESEL FUELS; IDENTIFY
	DIESEL FUEL INJECTORS; DESCRIBE	ENGINE PERFORMANCE; TEST/ DIAGNOSE AND ANALYZE		
DRIVE AXLES AND FINAL DRIVES	DRIVE AXLES; SERVICE	WHEEL MACHINE FINAL DRIVES; SERVICE		
ELECTRICAL CIRCUITS	AN ALTERNATOR; SERVICE	BATTERIES AND CABLES; SERVICE	CHARGING SYSTEMS; SERVICE	CHARGING SYSTEMS; TROUBLESHOOT
	ELECTRICAL CIRCUITS; SERVICE	ELECTRICAL CIRCUITS; TROUBLESHOOT	ELECTRONIC IGNITION SYSTEMS; SERVICE	EMISSION CONTROLS; SERVICE
	ENGINE TUNE-UP; SERVICE/REPAIR	IGNITION SYSTEMS; TROUBLESHOOT	STANDARD IGNITION SYSTEMS; SERVICE	STARTER MOTOR DRIVES; SERVICE
	STARTER SYSTEM CONTROL SWITCHES; SERVICE	STARTERS; SERVICE	STARTING SYSTEMS; TROUBLESHOOT	CHARGING SYSTEMS FAILURES; DIAGNOSE AND ANALYZE
	ELECTRICAL CIRCUITS; DIAGNOSE AND ANALYZE	ELECTRICAL INSTRUMENTS; DESCRIBE	ELECTRICAL METERS AND EQUIPMENT; REVIEW	ELECTRICAL TESTING EQUIPMENT; DESCRIBE
	ELECTRICAL THEORY; REVIEW	GENERAL THEORY OF ELECTRICITY AND ELECTRICAL COMPONENTS; REVIEW	IGNITION SYSTEMS; DIAGNOSE AND ANALYZE	PREVENTATIVE MAINTENANCE OF BASIC IGNITION SYSTEMS; REVIEW
	PREVENTATIVE MAINTENANCE OF CHARGING SYSTEMS; REVIEW	PREVENTATIVE MAINTENANCE OF LEAD ACID BATTERIES; REVIEW	PREVENTATIVE MAINTENANCE OF STARTER MOTORS AND RELATED CIRCUITRY; REVIEW	STARTING SYSTEMS FAILURES; DIAGNOSE AND ANALYZE

ELECTRONIC DIESEL FUEL SYSTEMS	CATERPILLAR ELECTRONIC FUEL SYSTEM; SERVICE <input checked="" type="checkbox"/>	CUMMINS ELECTRONIC CONTROLS; SERVICE <input checked="" type="checkbox"/>	DETROIT DIESEL ELECTRONIC CONTROLS; SERVICE	DIESEL ENGINE ELECTRONIC CONTROL SYSTEMS; TROUBLESHOOT
	ROBERT BOSCH ELECTRONIC CONTROL SYSTEM; SERVICE <input checked="" type="checkbox"/>	CATERPILLAR ELECTRONIC FUEL SYSTEMS; IDENTIFY <input checked="" type="checkbox"/>	CUMMINS ELECTRONIC CONTROLS; IDENTIFY	DETROIT DIESEL ELECTRONIC CONTROLS; IDENTIFY <input checked="" type="checkbox"/>
	DIESEL ENGINE ELECTRONIC CONTROL SYSTEMS FAILURES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	INTRODUCE ELECTRONIC FUEL INJECTION SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>	ROBERT BOSCH ELECTRONIC CONTROL SYSTEMS; IDENTIFY <input checked="" type="checkbox"/>	
ENGINE SYSTEMS	AIR INDUCTION SYSTEMS; SERVICE AND TROUBLESHOOT	COOLING SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>	ELECTRICAL/ELECTRONIC SENTINEL SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>	EXHAUST SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>
	LUBRICATION SYSTEMS; SERVICE AND TROUBLESHOOT <input checked="" type="checkbox"/>	AIR INDUCTION SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	COOLING SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	ELECTRICAL/ELECTRONIC SENTINEL SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>
	EXHAUST SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	LUBRICATION SYSTEMS; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>		
GASOLINE AND ALTERNATE FUEL ENGINES	FUEL SUPPLY CIRCUITS; SERVICE <input checked="" type="checkbox"/>	GASOLINE AND ALTERNATIVE FUEL ENGINES; TROUBLESHOOT <input checked="" type="checkbox"/>	NATURAL GAS FUEL SYSTEMS; SERVICE	PREVENTATIVE MAINTENANCE ON GASOLINE AND ALTERNATIVE FUEL ENGINES; SERVICE <input checked="" type="checkbox"/>
	PROPANE FUEL SYSTEMS; SERVICE	DESCRIBE CARBURETION; DESCRIBE <input checked="" type="checkbox"/>	GASOLINE AND ALTERNATIVE FUEL ENGINES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	GASOLINE FUEL SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>
	IDENTIFY CHARACTERISTICS OF FUELS; DESCRIBE <input checked="" type="checkbox"/>			
GASOLINE FUEL INJECTION SYSTEMS	GASOLINE FUEL INJECTION SYSTEMS; SERVICE <input checked="" type="checkbox"/>	GASOLINE FUEL INJECTION SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	GASOLINE FUEL INJECTION SYSTEMS FAILURES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	GASOLINE FUEL INJECTION SYSTEMS; COMPARE <input checked="" type="checkbox"/>
	GASOLINE FUEL INJECTION SYSTEMS; IDENTIFY <input checked="" type="checkbox"/>			
HYDRAULIC ANTI - LOCK BRAKE SYSTEMS	ANTI - LOCK BRAKING SYSTEMS; SERVICE <input checked="" type="checkbox"/>	ANTI - LOCK BRAKING SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	A.B.S. CONTROL SYSTEMS VARIATIONS; IDENTIFY <input checked="" type="checkbox"/>	A.B.S. SYSTEM COMPONENTS; DESCRIBE <input checked="" type="checkbox"/>

	ANTI - LOCK BRAKING SYSTEMS FAILURES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>			
HYDRAULIC BRAKING SYSTEMS	ADVANCED HYDRAULIC BRAKING SYSTEMS, PREVENTATIVE MAINTENANCE; SERVICE <input checked="" type="checkbox"/>	ADVANCED HYDRAULIC BRAKING SYSTEMS; TROUBLESHOOT <input checked="" type="checkbox"/>	HYDRAULIC BRAKING SYSTEMS COMPONENTS; SERVICE <input checked="" type="checkbox"/>	CHARACTERISTICS AND APPLICATIONS OF HYDRAULIC BRAKE FLUIDS; DESCRIBE <input checked="" type="checkbox"/>
	HYDRAULIC BRAKING SYSTEM COMPONENTS; DESCRIBE TYPES OF <input checked="" type="checkbox"/>	OPERATION OF PARK BRAKING SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>	OPERATION OF SKID CONTROL SYSTEMS; DESCRIBE <input checked="" type="checkbox"/>	
HYDRAULIC SYSTEMS	ADVANCED HYDRAULIC SYSTEMS FAILURES; TROUBLESHOOT <input checked="" type="checkbox"/>	ADVANCED HYDRAULIC SYSTEMS; SERVICE <input checked="" type="checkbox"/>	ADVANCED STEERING SYSTEMS FAILURES; TROUBLESHOOT <input checked="" type="checkbox"/>	HYDRAULIC CYLINDERS AND SEALS; SERVICE <input checked="" type="checkbox"/>
	HYDRAULIC PUMPS AND MOTORS; SERVICE <input checked="" type="checkbox"/>	HYDRAULIC SYSTEM HEAT EXCHANGERS AND ACCUMULATORS; SERVICE <input checked="" type="checkbox"/>	HYDRAULIC VALVES; SERVICE <input checked="" type="checkbox"/>	ADVANCED HYDRAULIC SYSTEMS AND FAILURE; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>
	HYDRAULIC FLUIDS AND SEALS; DESCRIBE TYPES OF <input checked="" type="checkbox"/>	HYDRAULIC HOSES, LINES AND FITTINGS; DESCRIBE TYPES OF <input checked="" type="checkbox"/>	SCHEMATIC DRAWINGS; READ AND INTERPRET <input checked="" type="checkbox"/>	
SERVICE CLUTCHES	CLUTCH ASSEMBLIES AND LINKAGES; TROUBLESHOOT	DOUBLE PLATE CLUTCHES; SERVICE	FLYWHEELS; SERVICE	LINKAGES/MECHANISMS; SERVICE
	SINGLE PLATE CLUTCHES; SERVICE	CLUTCH ASSEMBLIES AND LINKAGES; DIAGNOSE AND ANALYZE	DIFFERENT TYPES OF CLUTCHES; COMPARE	
STANDARD TRANSMISSIONS AND DRIVELINES	AUXILIARY TRANSMISSIONS; SERVICE	DRIVE LINES; SERVICE	HEAVY DUTY TRANSMISSIONS; SERVICE	STANDARD TRANSMISSIONS AND DRIVELINES; TROUBLESHOOT
	BEARINGS AND SEALS; DESCRIBE	SELECTION OF LUBRICANT, VISCOSITY; DESCRIBE	STANDARD TRANSMISSIONS AND DRIVELINES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>	
STEERING SYSTEMS	ADVANCED STEERING SYSTEMS, PREVENTATIVE MAINTENANCE; SERVICE	HYDROSTATIC, POWER AND EMERGENCY STEERING SYSTEMS; SERVICE <input checked="" type="checkbox"/>	POWER STEERING GEARS; SERVICE <input checked="" type="checkbox"/>	ADVANCED STEERING SYSTEMS, FAILURES; DIAGNOSE AND ANALYZE <input checked="" type="checkbox"/>
TORQUE CONVERTERS POWERSHIFTS AND AUTOMATIC TRANSMISSION SYSTEMS	AUTOMATIC AND POWERSHIFT TRANSMISSION SERVICE TORQUE CONVERTER; TROUBLESHOOT	AUTOMATIC TRANSMISSION ELECTRONIC SHIFT CONTROLS; SERVICE	FLUID COUPLINGS AND TORQUE CONVERTERS; SERVICE	HEAVY DUTY AUTOMATIC TRANSMISSIONS; SERVICE

POWERSHIFT AND
AUTOMATIC TRANSMISSION
SYSTEMS; TROUBLESHOOT

POWERSHIFT
TRANSMISSION SYSTEMS;
SERVICE

AUTOMATIC AND
POWERSHIFT
TRANSMISSION SERVICE
TORQUE CONVERTER;
DIAGNOSE AND ANALYZE

CONSTRUCTION,
OPERATION AND REPAIR OF
AUTOMATIC
TRANSMISSIONS; DESCRIBE

POWERSHIFT AND
AUTOMATIC TRANSMISSION
SYSTEMS; DIAGNOSE AND
ANALYZE

SELECTION OF LUBRICANT,
VISCOSITY; DESCRIBE

VEHICLE RETARDERS

DRIVELINE RETARDERS;
SERVICE

TRANSMISSION HYDRAULIC
RETARDERS; SERVICE

VEHICLE RETARDERS;
TROUBLESHOOT