



Plant Hazard Assessment

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PART CODE **9676821-01**

DESCRIPTION **HUSQVARNA K770 POWER CUTTER**

DATE **17/09/2019**

 HAZARD ASSESSMENT

967682101 HUSQVARNA K770

A. Entanglement

Can anyone's hair, clothing, gloves, necktie, jewelry, cleaning brushes, rags or other materials become entangled with moving parts of the plant, or materials in motion?	Keep all foreign materials and objects clear of blade during operation. Ensure all guards are in place and in good condition.
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B. Crushing

Can anyone be crushed due to:

Coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or	Wait until the blade stops rotating and engine turned off before any repair.
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C. Cutting, Stabbing and Puncturing

Can anyone be cut, stabbed, or punctured due to:

Coming in contact with sharp or flying objects?	Ensure all relevant safety equipment is supplied and worn.
coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant?	Ensure all relevant safety equipment is supplied and worn.
The plant, parts of the plant or work pieces disintegrating?	Ensure all relevant safety equipment is supplied and worn.
Work pieces being ejected?	Ensure all guards are in place and in good condition.
Uncontrolled or unexpected movement of the plant?	Operate plant on surfaces that are level and capable of supporting the total weight of the machine and operator.

D. Shearing

Can anyone's body parts be sheared between two parts of the plant, or between a part of the plant and a work piece or structure?	Ensure all guards are in place and in good condition.
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E. Friction

Can anyone be burnt due to contact with moving parts or surfaces of the plant, or material handled by the plant?	Ensure all moving parts are guarded.
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F. Striking

Can anyone be stuck by moving objects due to:

The plant, parts of the plant or work piece disintegrating?	Ensure all guards are in place and in good condition. Ensure all relevant safety equipment is supplied and worn.
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Work pieces being ejected?	Ensure all guards are in place and in good condition. Ensure all relevant safety equipment is supplied and worn.
Uncontrolled or unexpected movement of the plant or material handled by the plant?	Avoid operating machinery in congested and non-secured areas. Ensure all relevant safety equipment is supplied and worn.
Other factors not mentioned?	Operate the machine at the correct speed relative to the material being cut and work environment.

H. Electrical

Can anyone be injured by electrical shock or burnt due to:

The plant contacting live electrical conductors?	Check with appropriate authority before commencing any cutting.
The plant working in close proximity to electrical conductors?	Check with appropriate authority before commencing any cutting.

I. Explosion

Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by the operation of the plant or by material handled by the plant?	Ensure motor is switched off and allowed to cool before refueling. Do not smoke while refueling.
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J. Slipping, Tripping and Falling

Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to:

Uneven or slippery work surfaces?	Care should be taken due to the presence of water/slurry around the work surface.
Poor housekeeping, e.g. swarf in the vicinity of the plant, spillage not cleaned up?	Ensure slurry is removed periodically during cutting.
Obstacles being placed in the vicinity of the plant?	Work area to be inspected prior to commencing operation.
Can anyone fall from a height due to:	
Lack of proper work platform?	Operate plant on surfaces that are level and capable of supporting the total weight of the machine and operator.
Lack of proper stairs or ladders?	Always operate plant on surfaces that are level and capable of supporting the total weight of the machine and operator. Never use standing on a ladder!

Steep walking surfaces?	Operate equipment on secure level surfaces.
Collapse of the supporting structure?	Identify and section off work areas. Clearly labeled/sign posted.

H. Ergonomic

Can anyone be injured due to:

Repetitive body movement?	Do not operate equipment for prolonged periods. Rest if fatigued.
Lack of consideration given to human error or human behavior?	Ensure operator is made aware of safety procedures and operating instructions.
Mismatch of the plant with human traits and natural limitations?	Conduct operator daily safety checks.
Other factors not mentioned?	Use of incorrect cutting discs can cause damage to the disc, machine and operator.

L. Suffocation

Can anyone be suffocated due to lack of oxygen, or atmospheric contamination?	Ensure adequate ventilation while operating. Do not operate in confined spaces without adequate ventilation.
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M. High Temperature or Fire

Can anyone come into contact with objects at high temperature?	Beware of muffler
Can anyone be injured by fire?	Turn off engine and allow to cool prior to refueling.

O. Other Hazards

Can anyone be injured or suffer ill-health from exposure to:

Fumes?	Beware of exhaust gases in confined spaces Always use equipment in well ventilated areas.
Dust?	Ensure adequate water supply is available.
Noise?	Ensure approved hearing protection is used.
Vibration?	If excessive vibration check running components for wear and condition Replace as required.
Other factors not mentioned?	Wear appropriate safety footwear and glasses.

Please note: Ensure operator has read and understood operating instructions supplied with machine before use.