Supporting: MSFFL2011 Select, operate and maintain grinding equipment

# Section 1 Assignment: Principles of grinding

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| **Name** |  | **Date** |  |

Provide short answers to the following questions:

1. What does ‘diamond grinding’ mean? That is, how are the diamonds used and what is their purpose?

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1. What are the main advantages of using a concrete grinder, compared with other surface preparation machines?

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1. (a) What does CSP stand for?

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(b) What CSP can a diamond grinder achieve?

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1. Highlight the correct word in each of the following sentences:

If the concrete is **hard** – use a **hard /** **soft** bond segment

If the concrete is **soft** – use a **hard /** **soft** segment.

1. (a) If you found that the diamond segments had glazed over and become very hot, what would that tell you about your choice of bond hardness?

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(b) What bond hardness would you fit to the machine to overcome the problem?

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