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APPLICATIONS IN SPECIAL ENVIRONMENTS

IP and NEMA rating standards help ensure that safety remains paramount during hoist and crane operation. R&M uses factory recommended protection features to meet the needs of each special environment. A clear understanding of application requirements allows projects to move quickly in every stage, whether design, installation or maintenance.



Outdoors
No Roof



Humidity
> 90%



Low Ambient Temperature:
39 to 14F (4 to -10C)



Low Ambient Temperature:
13 to -4F (-11 to -20C)



High Ambient Temperature:
Over 104F (Over 40C)



Dust
(Non-Explosive)

Rain cover for hoist, covers for trolley drives



IP66 trolley motor protection



IP-type of hoist panel (Add for IP66)



Rail sweep for trolley



IP66 hoist motor protection



Hoist motor type



Trolley Anti-collision device



External fan for hoist motor

NA

Standby heating for trolley motor



Standby heating for hoist motor



Standby heating for hoist control panel



IP66 trolley motor protection



IP-type of hoist panel (Add for IP66)



IP66 hoist motor protection



Hoist motor type



Trolley Anti-collision device



External fan for hoist motor

NA

Standby heating for trolley motor



Standby heating for hoist motor



Standby heating for hoist control panel



Standby heating for trolley motor



Standby heating for hoist motor



Replaces std. lubrication with synthetic lubrication



Hoist Monitor/ HoistWatch



Hoist motor type



Replaces std. lubrication with synthetic lubrication



Hoisting motor type



Hoist motor type



IP66 trolley motor protection



IP-type of hoist panel (Add for IP66)



Heavy duty rope guide



Hard chrome shaft for rope guide



Rail sweep for trolley



IP66 motor protection



Hoisting motor type



Trolley Anti-collision device



External fan for hoist motor

NA

▲ = Mandatory

■ = Recommended

● = Limitations

NA = Not available

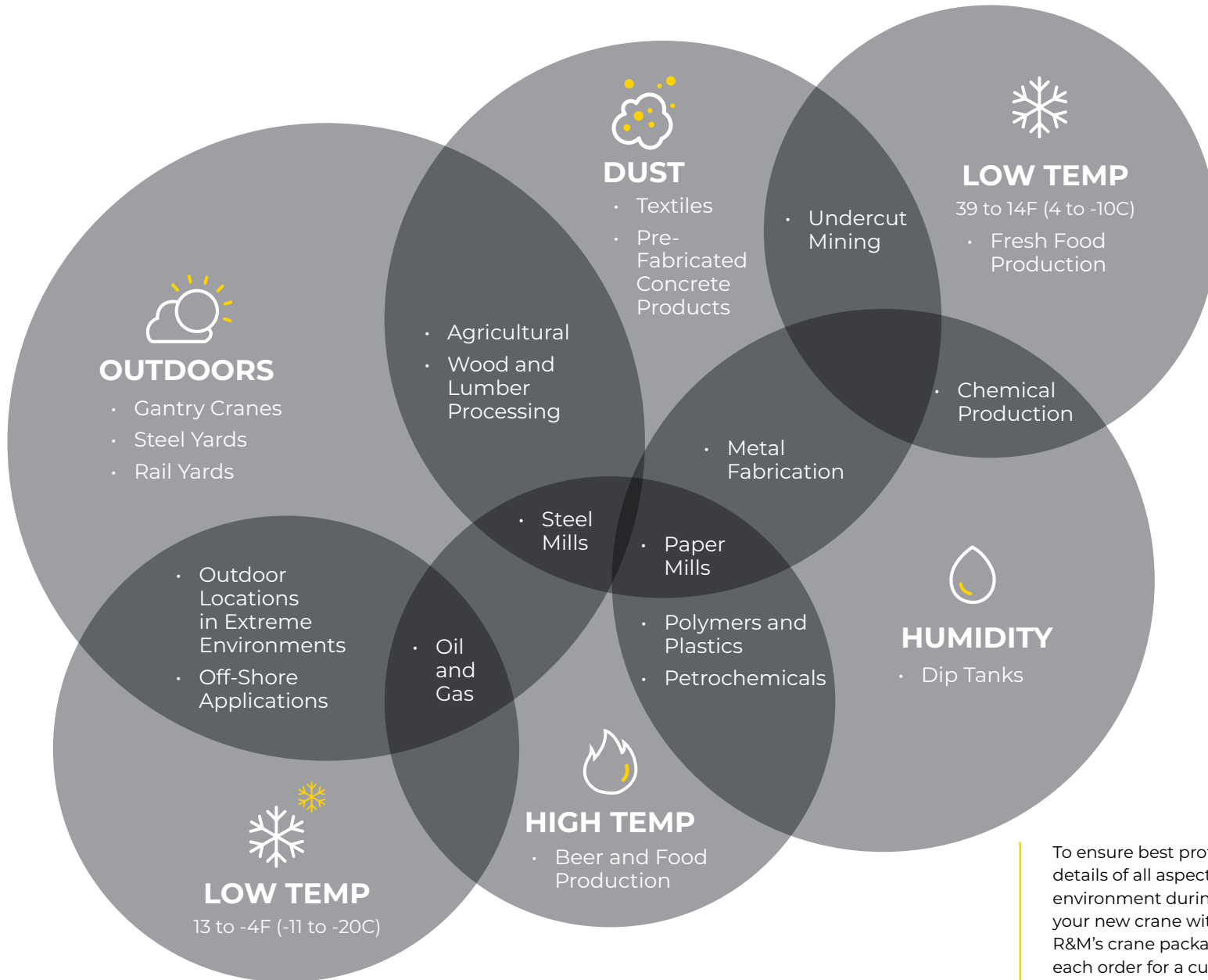
▲▲ = Mandatory for SX2, SX3, SX4 hoist models



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APPLICATIONS IN SPECIAL ENVIRONMENTS

Some applications may fall under more than one special environment type. Features can be added to cover multiple applications at once. Don't see your specific application or environment listed? Reach out to your [local crane builder](#) for an in-depth analysis of your environmental protection needs.



To ensure best protection, discuss details of all aspects of your production environment during the design phase of your new crane with your crane builder. R&M's crane packages are designed to each order for a customized product tailored to your individual needs.