

Class	CES range	Typical machines / plants
C	$0.25 \leq \text{CES} < 0.40$	<p>Bulk Handling:</p> <ul style="list-style-type: none"> • Intermittent conveyors • Internal bulk handling systems • Silo extractors <p>Lifting:</p> <ul style="list-style-type: none"> • Overhead cranes A5–A6 • Hoisting systems (moderate duty) • Reach stackers; empty container handlers <p>Civil:</p> <ul style="list-style-type: none"> • Standard RC / steel / masonry / composite structures • Foundations / soil–structure systems (standard service) <p>Process:</p> <ul style="list-style-type: none"> • Pressure vessels / reactors (standard service) • Standard heat exchangers <p>Fluid:</p> <ul style="list-style-type: none"> • Standard centrifugal pumps • Auxiliary compressors • Industrial fans • Compressed-air networks; hot-water / thermal-oil circuits <p>High-Temperature Zones:</p> <ul style="list-style-type: none"> • Cowper – middle zone • Rotary kiln transition zone • DRI carburization moderate zone • Hot gas chimneys (moderate cyclic gradients)