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Advancements and future prospects of zero emission galvanizing technologies

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Sustainability has become a critical concern in the global steel industry. As steel production is inherently resource-intensive and generates significant emissions, the implementation of sustainable practices is crucial to mitigate its ecological footprint. This paper explores the current state and future prospects of sustainable galvanizing technology, a vital process for enhancing steel's durability by applying a protective zinc coating.

Finally, the paper presents case studies of fossil-free galvanizing implementations with zero emission in Europe and abroad, illustrating how these initiatives not only comply with stringent emission permits but also contribute to a competitive advantage in the market.

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