1. **HALL-HÉROULT CELL CARBON ANODES**

Papers on carbon anodes have been published in every *Light Metals* volume. Many of the early papers published are still relevant today and a review of the titles show reappearance of similar issues over the 40 years of publication. The papers selected do have a historical perspective but also reflect today’s industry and issues. There is a stronger focus on prebaked anode production and performance over Söderberg paste, and there are a number of papers relevant to current issues with coke quality and supply. In other areas such as thermal shock of anodes, the number of papers reduced after the mid 1990s, suggesting the 1994 paper by Meier et al. titled “Thermal Shock of Anodes – A Solved Problem?” was accurate in predicting that a solution to the problem could be identified.

The anode papers are separated into subsections related to raw materials, anode production, and anode performance. The objective is to allow readers to delve deeply into a specific topic and find like papers together. Where possible, review or general papers related to the topic are included first in each section, followed by papers that are more detailed or are related to a specific topic. The papers should be read in conjunction with the recommended reading list at the end of the section.