The objective of study was to develope a part classification and coding system for metal-can packages manufacturing which had job order process and many products to meet requirement of the clients. Parts and products were classified by types and form features. The design of metal-can part coding system was performance using Opitz technique, and aslo was applied using data base program package.
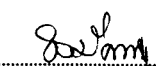
The group of products could be classified clearly into eight groups as follow: 1) rectangular pail 2) gallon pail 3) rectangular can 4) general round can 5) food dry can 6) aerosal can 7) cup and 8) special can. Parts of metal-can were devided into top or lid, cap, nose, main body, handle and bottom. The part components also were classified into shape feature, material specification, blank dimension and lacquer coating in order to specify the code of metal-can parts. Besides this, a bill of materials sheet and route sheet of component part were designed.

Finally, the part classification coding system designed was applied using the software package of Microsoft Access in order to set the system as the database of parts and products of metal-can packages.

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