



PAPERS RELATED TO CAST IRON ENAMELLING

JOURNAL - The Proceedings of the Institute of Vitreous Enamellers

| TITLE | AUTHOR(S) | VOL. | YEAR | PAGE |
|--|---|------------|--------------------|------------|
| COMMON DEFECTS IN THE VITREOUS ENAMELLING OF CAST IRON, SHEET STEEL, AND C.R.C.A. STEEL | C.P.Stone | II | (1936) | 19 |
| CAST IRON FOR VITREOUS ENAMELLING | H.T.Angus | II | (1936) | 113 |
| DESIGN OF SHEET STEEL & CAST IRON PARTS FOR VITREOUS ENAMELLING | J.H.Coupe | III | (1937) | 15 |
| PRINCIPLES & PRACTICE OF DRYING ENAMELLED WARE | P.G.Pickwell | III | (1937) | 75 |
| MOULD FACINGS FOR CAST IRON AND THEIR EFFECTS UPON VITREOUS ENAMELLING | H. Mc Nair | III | (1937) | 211 |
| AUSTRALIAN FOUNDRY PRACTICE | W.Thomas | IV | (1938) | 90 |
| MOULDING SANDS | H.McNair | IV | (1938) | 167 |
| AN INVESTIGATION INTO USE OF METALLIC ABRASIVES | J.E.Hurst & W.Todd | V | (1939) | 70 |
| ENAMELLING TROUBLES | S.Vickery | V | (1939) | 105 |
| FOUNDRY & ENAMEL PRACTICE AS APPLIED TO CAST IRON | George M. Logan | V | (1939) | 112 |
| THE CONTROL OF ENAMELS | A.J.D.Black | V | (1939) | 139 |
| ENAMELLING SHOP TROUBLES | A.J.Biddulph | V | (1939) | 192 |
| SOME PRINCIPLES OF THE ENAMELLING OF CAST IRON | G.T.O.Martin | VI | (1940) | 73 |
| CAST IRON ENAMELLING | A.J.Biddulph | VII | (1941-1942) | 78 |
| SPECIFICATION, DESIGN AND PRODUCTION OF IRON CASTINGS FOR VITREOUS ENAMELLING | John W.Gardom | VIII | (1943-1947) | 65 |
| METHODS OF TESTING METALLIC ABRASIVES | J.E.Hurst | IX | (1947-1950) | 34 |
| CLEAN IRON AND STEEL SURFACES | T.P.Hoar | IX | (1947-1950) | 48 |
| LIGHT CASTINGS FOR VITREOUS ENAMELLING | H Mc Nair | IX | (1947-1950) | 115 |
| DESIGN FOR VITREOUS ENAMELLING II - PRODUCTION OF CASTINGS FOR SUBSEQUENT VITREOUS ENAMELLING | W. Todd | X | (1950-1952) | 47 |
| IV - ENAMELLER'S VIEW OF DESIGN | T.J.McArthur | | | 51 |
| SYMPOSIUM ON ENAMELLING OF CAST IRON | C.P.Stone, K.E.Wheeler, F.H.Hoult, W.J.Colton & J.E.Hurst | X | (1950-1952) | 63 |
| PROCESS CONTROL OF CAST IRON FOR VITREOUS ENAMELLING | J.Bernstein. | XI | (1952-1954) | 21 |

 Not currently available in IVE archives



PAPERS RELATED TO CAST IRON ENAMELLING

JOURNAL - The Institute of Vitreous Enamellers Bulletin

| TITLE | AUTHOR(S) | VOL. | No. |
|---|------------------------------------|------|-----|
| LIGHT CASTINGS FOR VITREOUS ENAMELLING (As Proc. IX p115) | | 2 | 1 |
| THE PRODUCTION OF CASTINGS FOR SUBSEQUENT VITREOUS ENAMELLING (As Proc. X p.47) | W.Todd | 3 | 2 |
| VITREOUS ENAMELLING CAST IRON AND STEEL | J W G Pedder | 3 | 4 |
| PROCESS CONTROL OF CAST IRON FOR VITREOUS ENAMELLING (As Proc. XI p.21) | J Bernstein | 3 | 5 |
| PROCESS CONTROL OF CAST IRON FOR VITREOUS ENAMELLING | IVE Discussion | 4 | 1 |
| CAST IRON FOR VITREOUS ENAMELLING – PROGRESS REPORT | IVE Sub-Committee | 4 | 1 |
| PRODUCTION METHODS IN THE ENAMELLING SHOP | A Member | 4 | 1 |
| THE PRODUCTION OF CAST IRON CASTINGS SUITABLE FOR VITREOUS ENAMELLING | C.J.Moore | 4 | 6 |
| THE DEVELOPMENT OF CASTINGS FOR VITREOUS ENAMELLING & CONTROL OF PRODUCTION METHODS IN THE ENAMEL SHOP | A.K.Williams | 4 | 6 |
| THE USE OF CAST IRON GROUND COATS | P. Rogers | 5 | 2 |
| BLISTERING IN CAST IRON ENAMELS | E R Evans | 5 | 3 |
| MILL ADDITION – THEIR NATURE AND SIGNIFICANCE IN CAST IRON ENAMELLING | S W Barkhouse | 5 | 3 |
| CAST IRON FOR VITREOUS ENAMELLING - REPORT | IVE Sub-Committee | 5 | 4 |
| SHOT BLASTING OF CAST IRON FOR VITREOUS ENAMELLING | T O G Wilkes | 7 | 1 |
| PRODUCING CASTINGS FOR VITREOUS ENAMELLING | C A Sanders and R E Wilke | 9 | 6 |
| THE CAUSE OF MOULDING MATTER AND SAND INCLUSIONS IN THIN-WALLED IRON CASTINGS AND THEIR EFFECTS IN ENAMELLING | P Goebels | 10 | 1 |
| PINHOLES AND POROSITY OF ENAMELLED CAST IRON | C A Sanders | 10 | 3 |
| BLISTERING OF WET PROCESS VITREOUS ENAMELS ON CAST IRON – SOME FACTS AND THEORIES | | 10 | 5 |
| FACTORS AFFECTING THE ENAMELLING OF CAST IRON BATHS | A W Murdoch | 10 | 9 |
| SOME ASPECT OF PRE-ENAMELLING CONTROL AND TECHNIQUE FOR SHEET AND CAST IRON | A K Williams | 10 | 12 |
| CAST IRON VERSUS VITREOUS ENAMELLING. - A METALLURGIST'S VIEWS | E R Evans | 14 | 1 |
| FOUNDRYMEN vs. VITREOUS ENAMELLERS | G.F.Keep | 14 | 5 |
| COMPOSITION AND PREPARATION OF IRON CASTINGS FOR WET-PROCESS VITREOUS ENAMELLING | J V Dawson | 14 | 12 |
| (S) COMPARISON TRIALS WITH THE IMPACT TEST INSTRUMENT AND THE DOUBLE-T PROCESS FOR ESTIMATING THE ADHESION OF ENAMEL TO CAST IRON | Dr D Haultman | 15 | 3 |
| ENAMELLING OF CAST IRON HOLLOW-WARE | E D Kristenson | 16 | 3 |
| ENAMELLING OF CAST IRON HOLLOW-WARE | IVE Discussion | 16 | 5 |
| THE SIGNIFICANCE OF THERMAL EXPANSION IN CAST IRONS FOR VITREOUS ENAMELLED COMPONENTS | L Hall | 17 | 2 |
| DRY PROCESS ENAMELLING | J Adam | 17 | 4 |
| (S) CONSIDERATIONS ON ENAMELLING OF CAST IRON IN THE NAKED FLAME | M Le Gouestre and Dr Ing P Tyvaert | 17 | 4 |
| (S) A CONTRIBUTION TO THE PROBLEM OF TENSION IN VITREOUS ENAMEL – CAST IRON SYSTEMS | Dipl. Ing. J Chmela | 17 | 4 |



The Institute of Vitreous Enamellers

VITREOUS ENAMEL ASSOCIATION



All material © The Institute of Vitreous Enamellers 2008

PAPERS RELATED TO CAST IRON ENAMELLING

JOURNAL - The Institute of Vitreous Enamellers Bulletin (cont.d)

| TITLE | AUTHOR(S) | VOL. | No. |
|--|-------------|------|-----|
| THERMAL STRESS EFFECTS IN ENAMELLED CAST IRON | R L Carden | 17 | 7 |
| (S) TESTS REGARDING THE VARIOUS OPACIFYING SYSTEMS FOR WHITE DRY-PROCESS ENAMELS FOR CAST IRON | Dr K Bunsen | 17 | 8 |
| NOTES ON WET PROCESS CAST IRON ENAMELLING | H Barrans | 17 | 11 |
| FURTHER OBSERVATIONS ON THE INTERFACIAL REACTIONS BETWEEN VITREOUS ENAMEL AND METAL (STEEL, CAST IRON) | E J Heeley | 19 | 11 |



PAPERS RELATED TO CAST IRON ENAMELLING

JOURNAL - The Vitreous Enameller

| TITLE | AUTHOR(S) | VOL. | No. |
|---|------------------------|------|-----|
| DEVELOPMENT IN CAST IRON ENAMELLING – GREY, S-G AND VACUUM MOULDED CASTINGS | R Schmalenbach | 33 | 1 |
| ENAMELLING OF CAST IRON STOVE COMPONENTS | Liam O'Byrne | 40 | 1 |
| CAST IRON AND THE COALBROOKDALE COMPANY | W E Rooker | 41 | 2 |
| A NEW ELECTROCOATING SYSTEM FOR CAST IRON INSTALLATION AND START UP | Liam O'Byrne | 48 | 2 |
| TAGUCHI EXPERIMENTS FOR CAST IRON GRATES | Liam O'Byrne | 48 | 2 |
| "2 COAT - 1 FIRE" CAST-IRON COOKWARE PROCESS. | P Jacob and C Schlegel | 51 | 1 |
| THE SIGNIFICANCE OF THERMAL EXPANSION IN CAST IRONS FOR VITREOUS ENAMELLED COMPONENTS | L Hall | 51 | 1 |
| ANALITICAL DEVELOPMENT OF CAST IRON ENAMELLING | K. Kibble | 53 | 1 |
| NECESSITY FOR CO-OPERATION | C. P. Stone | 53 | 2 |
| CAST IRON- A CHALLENGE FOR THE FUTURE | M Collins | 53 | 2 |
| CAST IRON ENAMELLING THE DRY PROCESS | N Siguero | 54 | 4 |
| PREPARATION OF CAST IRON FOR PORCELAIN ENAMELLING | M Sexton, O Storie | 56 | 1 |
| ADHERENCE OF VITREOUS ENAMEL ON CAST IRON - A NEVER ENDING STORY | J C Wendel | 56 | 2 |
| CAST IRON FOR ENAMELLING (CAST IRON INNOCULATION) AN ENAMELLER'S VIEW | M Moriarty | 58 | 2 |

NOTE: Papers marked (S) are a summary

PREVIOUSLY UNCATALOGUED FROM VARIOUS SOURCES

| TITLE | AUTHOR(S) | SOURCE. |
|---|----------------------|-----------------------------|
| BASIC DATA AND CALCULATIONS FOR THERMAL EXPANSION ASPECTS OF THE ENAMELLING PROCESS | J. Leak | Unknown (1984) |
| THE ENAMELLING OF CAST IRON | Ferro (Holland) N.V. | Ferro Technical Information |
| SOME FACTORS INFLUENCING THE OCCURRENCE OF BOIL DEFECTS IN WET PROCESS VITREOUS ENAMEL ON CAST IRON | J.V.Dawson | BCIRA Report No 620 |