Attachment B Specifications LSP/DPS Badges Revised October 24, 2023

Item No. 1 LSP BREAST BADGE

Model:

Blackinton Model # BC-3401

Size and Construction:

Height: Top to Bottom - 2.23" (56.6mm) +/-.015" (.381mm) Width: Side to Side - 2.18" (55.4mm) +/- .015" (.381mm)

Weight: 1.7oz (48grams)

Material: Badge is to be die struck from 12 gauge (.080") (2.03mm) Blackinton Hi-Glo

material (CDA425) using pneumatic drop hammers and/or hydraulic presses.

Material 87 to 90% Copper; 1.5 to 3% Tin; .35% Max. Phosphorus; .05% Max. Iron; .05%

Composition: Max. Lead; Balance is Zinc

Design:

See attached images. To be one piece die struck construction with a solid back. Badge to be designed in the geographically shaped outline of the State of Louisiana with custom center design. The design and details shall not deviate from pictures shown.

Center: Custom Seal to be "In-Die" and to be flowed with soft enamel.

Badge to contain a recessed circle. Within the recessed circle to be a full color enamel State of Louisiana seal. Panel above the seal to accommodate rank designation (title) lettering. Three panels below seal to include the lettering "Louisiana State Police". Design to be die filled with enamel for colors, no printing will be allowed. All lettering to be raised metal in the die.

Lettering:

Badge panels to be engraved per each order using a CNC rotary engraving machine. All lettering to be engraved per the Department's request. Lettering style to be block type on all panels. All engraved lettering to be filled with blue hard-fired jewelers enamel and stoned flush to the level of the surrounding metals.

The rank designations are to include: Trooper, Sergeant, Lieutenant, Captain, Major, Lt. Colonel, Chief of Staff, Asst. Superintendent, Colonel, Pilot, Master Pilot, Senior Pilot, DPY. CMD. Pilot, Command Pilot, Technician, or any other specialty rank as requested.

Attachment:

Badges are to be fitted with a three piece nickel/silver safety catch which consists of a "Ballou" #60 catch, a "Ballou" #105 joint, and a 2.75" (69.8mm) X .072" (1.83mm) pin stem. The joint and catch are to be hard soldered to the back of the badge using silver solder.

Title: Badges for LSP & DPS
Attachment B Specifications

LSP/DPS Badges Revised October 24, 2023

Finish:

Panels are to be hand filled with real hard-fired Cloisonné enamel (1390 Green) and hand stoned flush with the metal.

The back of the badge to be in-die satin finish and the front of the badge to be polished to remove any imperfections and glossed to a brilliant luster.

Badge to be cleaned to remove any and all residue and to be spray coated with a clear baked lacquer protective finish as Hi-Glo material. To require no surface plating.

SMARTSHIELD® COMPLIANT:

Louisiana State Police badges to be manufactured as SmartShield® ready and compliant.

The manufacturing process for the SmartShield® to include the added feature of a shallow "well" on the back of the badge where the SmartShield® "chip" can be added at a later date. Please note that the "well" for a Ready and Compliant badge is to be part of the badge and is NOT to be a separate, applied piece.

The designated manufacturer must have the ability not only to produce SmartShield® ready and compliant badges but also be able to add the SmartShield® "chip" technology at any time the Department deems necessary.

Bidder shall provide installation of the SmartShield® chip, delivery of the software, and any training to the State required for successful activation and implementation within 25 calendar days after receipt of order (ARO).

General:

Fabrication of the badges shall be by the drop hammer and hydraulic press stamp process, struck with the necessary blows to ensure maximum detail. All badges are to be cut down, all burrs are to be removed and the badge is to be entirely suitable for the purpose intended. Castings will not be allowed.

Packaging:

Badges must be individually packaged in polybags.

Warranty:

All badges to be guaranteed to be free from defects of material and workmanship for the lifetime of the badge. This warranty is to include all pin and joint assemblies and tarnishing or peeling of enamel and clear coating.

Refinishing Guarantee:

The manufacturer is to guarantee the appearance and structure of each badge. Manufacturing defects, if any, are to be promptly corrected. All badges not overly worn or deemed beyond repair due to abuse are to be refinished at no additional charge to the State.

Security:

LSP Breast Badge, Front:



LSP Breast Badge, Back:



Attachment B Specifications LSP/DPS Badges Revised October 24, 2023

Item No. 2 LSP HAT BADGE

Model:

Blackinton Model B1331 and related die numbers used by V. H. Blackinton and Company

Size & Construction:

Height: Top to bottom 1.51" (38.4mm) +/-.015" (.381mm) Width: Side to side 1.2" (30.5mm) +/-.015" (.381mm)

Weight: .65oz (18grams)

Material: Badge is to be die struck from 12 gauge (.080") (2.03mm) Blackinton Hi-Glo

material (CDA425) using pneumatic drop hammers and/or hydraulic presses.

Material 87 to 90% Copper; 1.5 to 3% Tin; .35% Max. Phosphorus; .05% Max. Iron; .05%

Composition: Max. Lead; Balance is Zinc

Design:

Badge to be the Star Burst design with an eagle on top. See attached images.

To be one piece die struck construction with a solid back. The center of the badge shall be a recessed circle, depth of .015 inch. To include two panels above recessed center, one to accommodate rank designation (title) lettering and one to have lettering "Louisiana" in die. One panel below recessed center to have "State Police" in die with rosette design between the words.

The recessed circle in center of badge to have the geographically shaped outline of the State of Louisiana. Within the geographical shape shall be the pelican in 1/4" circle with the lettering "UNION, JUSTICE, AND CONFIDENCE" in the outer rim around the pelican. This ½" circle shall have a blue hard fired French enamel background.

Panels to be hand filled with real hard-fired Cloisonné enamel which is then hand stoned flush with the metal.

Lettering:

The badge panels to be engraved per each order using a CNC rotary engraving machine.

The top panel to accommodate machined cut title letters. Lettering to be optically balanced. All lettering shall be block style and filled with hard fired French enamel and stoned flush to the level of the surrounding metal of the panels.

The rank designations are to include: Trooper, Sergeant, Lieutenant, Captain, Major, Lt. Colonel, Colonel, Pilot, Master Pilot, Senior Pilot, DPY. CMD. Pilot, Command Pilot, Investigator, Officer, or any other specialty rank as requested.

Attachment:

Badges are to be fitted with an F105 Screw Back consisting of B.A. Ballou findings (1/2" screw post – #022736 nut - #011800 and retention pin - #023601).

Title: Badges for LSP & DPS

The screw attachment is to be hard soldered to the back of the badge using "fusion" CFW-4774-804 Silver solder (63% silver). This process is to take place on a belt driven furnace.

Finish:

All badges to be heavy gold over hot nickel base.

Back of the badge is to be given a satin finish and the front of the badge is to be polished to remove any imperfections and glossed to a brilliant luster.

Badge to be cleaned to remove any and all residue and spray coated with a clear baked lacquer protective finish as Hi-Glo material requires no surface plating.

General:

Fabrication of badge shall be by the drop hammer stamp process. To be struck with the necessary blows to ensure maximum detail. All badges to be cut down, all burrs removed and the badge is to be entirely suitable for the purpose intended. Castings will not be allowed.

Packaging:

Badges must be individually packaged in polybags.

Warranty:

All badges to be guaranteed to be free from defects and/or imperfections. State seal and/or attachment which fail within one year in normal use will be repaired or replaced at no additional charge to the State.

Refinishing Guarantee:

The manufacturer is to guarantee the appearance and structure of each badge. Manufacturing defects, if any, are to be promptly corrected. All badges not overly worn or deemed beyond repair due to abuse are to be refinished at no additional charge to the State.

Security:

LSP Hat Badge, Front:



LSP Hat Badge, Back:



Attachment B Specifications LSP/DPS Badges Revised October 24, 2023

Item No. 3 LSP WALLET BADGE

Model:

Blackinton Model B-1324.

Size & Construction:

Height: Top to bottom 1.66" (42.2mm) +/- .015" Width: Side to Side 1.67" (42.4mm) =/-.015"1.

Weight: .78oz (22grams)

Material: Badge is to be die struck from 12 gauge (.08") (2.03mm) Blackinton Hi-Glo

material (CDA425) using pneumatic drop hammers and/or hydraulic presses. A metal developed by V. H. Blackinton having a solid golden color throughout.

Material 87 to 90% Copper; 1.5 to 3% Tin; .35% Max. Phosphorus; .05% Max. Iron; .05%

Composition: Max. Lead; Balance is Zinc

Design:

Badge to be designed in the geographically shaped outline of the "State of Louisiana." See attached images.

To be one piece die struck with a solid back. The center of the badge shall be a recessed circle, depth of .015 inch. One panel above the recessed circle to accommodate rank designation (title) lettering. Three panels below recessed circle with the lettering, "LOUISIANA STATE POLICE" in die.

Panels to be hand filled with real hard fired Cloisonné enamel which is then hand stoned flush with the metal.

The recessed circle in center of badge to receive a ½" full color enamel State of Louisiana seal. V.H. Blackinton die number A2770.

Lettering:

The badge panels to be engraved per each order using a CNC rotary engraving machine.

Panel above recessed circle to accommodate machined cut titles. Lettering to be optically balanced. All letters shall be blocked style and filled with blue hard fired French enamel and stoned flush to level of the surrounding metal of the panels.

The rank designations are to include: Trooper, Sergeant, Lieutenant, Captain, Major, Lt. Colonel, Colonel, Pilot, Master Pilot, Senior Pilot, DPY. CMD. Pilot, Command Pilot, Investigator, Officer, and any other specialty rank as requested.

Attachment:

Wallet clips are to be Melcoed brand, and are produced from 260 Brass 8 number hardness to ensure maximum tension. Clips to be soft soldered to ensure the tension remains throughout the manufacturing process.

Attachment B Specifications LSP/DPS Badges

Title: Badges for LSP & DPS

Revised October 24, 2023

The clip to be approximately 3/8" wide and 1 ¼" long.

Finish:

All badges to be heavy gold over hot nickel base. All badges to be brought to high luster.

Back of the badge is to be given a satin finish and the front of the badge is to be polished to remove any imperfections and glossed to a brilliant luster.

Badge to be cleaned to remove any and all residue and spray coated with a clear backed lacquer protective finish as Hi-Glo material requires no surface plating.

General:

Fabrication of badge shall be by the drop hammer stamp process. To be struck with the necessary blows to ensure maximum detail. All badges to be cut down, all burrs removed and the badge is to be entirely suitable for the purpose intended. Castings will not be allowed.

Packaging:

Badges must be individually packaged in polybags.

Warranty:

All badges to be guaranteed to be free from defects and/or imperfections. State seal and attachment which fail within one year in normal use will be repaired or replaced at no additional charge to the State.

Refinishing Guarantee:

The manufacturer is to guarantee the appearance and structure of each badge. Manufacturing defects, if any, are to be promptly corrected. All badges not overly worn or deemed beyond repair due to abuse are to be refinished at no additional charge to the State.

Security:

LSP Wallet Badge, Front:



LSP Wallet Badge, Back:



Item No. 4

DPS POLICE BREAST BADGE

Model:

Blackinton Model B-1114A

Size and Construction:

Height: Top to bottom 2.24" (56.97mm) +/-.015" (.381mm) Width: Side to side 2.30" (58.55mm) +/-.015" (.381mm)

Weight: 1.48 oz (42 grams)

Material: Badge to be die struck from 16 gauge (.050") (2.03mm) Blackinton "Rho-Glo"

material (CDA425) using pneumatic drop hammers and/or hydraulic presses.

Material 87 to 90% Copper; 1.5 to 3% Tin; .35% Max. Phosphorus; .05% Max. Iron; .05% Max.

Composition: Lead; Balance is Zinc

Design:

Design and quality should mirror the gold LSP badges, with the exception of the color (silver) and lettering (see attached images). To be one piece die struck construction with a solid back. Badge to be designed in the geographically shaped outline of the State of Louisiana with custom center design. See attached images.

Raised top panel at upper part of the badge to be approximately ¼" wide to bear titles of rank. Two ribbon panels to be below the seal in the lower portion of the badge to be approximately ¼" width to bear the lettering, "LOUISIANA D.P.S. POLICE."

Center: Custom Seal to be "In-Die" and to be flowed with soft enamel; 11/16" full color replica of the Louisiana State Seal, the border of the seal to bear the lettering "STATE OF LOUISIANA" on a blue enamel background. The inner circle of the seal to be the Louisiana State Seal showing the pelican in white enamel on a blue enamel background, pelican sitting on a brown enamel nest as depicted in the pictures.

Lettering:

Badge panels to be engraved per each order using a CNC rotary engraving machine. All lettering to be engraved per the Department's request. Lettering style is to be block type on all panels. All engraved lettering is to be of blue hard fired jewelers enamel and stoned flush to the level of the surrounding metals.

The rank designations are to include: Officer, Sergeant, Lieutenant, Captain, Major, and any other specialty rank as requested.

Attachment B Specifications LSP/DPS Badges

Title: Badges for LSP & DPS

Revised October 24, 2023

Attachment:

The badge to be fitted with a three piece Nickel/Silver safety catch which consists of a "Ballou" #60 catch, a "Ballou" #105 joint, and a 2.75" (69.8mm) X .072" (1.83mm) pin stem. The joint and catch are to be hard soldered to the back of the badge using silver solder.

Finish:

Panels are to be hand filled with real hard-fired Cloisonné enamel (1390 Green) and hand stoned flush with the metal.

The back of the badge to be given a satin finish and the front of the badge to be polished to remove any imperfections and glossed to a brilliant luster.

Badge to be cleaned to remove any and all residue and to be spray coated with clear baked lacquer protective Rho-Glo finish. To require no surface plating.

SMARTSHIELD® COMPLIANT:

Louisiana DPS Police Badges are to be manufactured as SmartShield® ready and compliant.

The manufacturing process for the SmartShield® to include the added feature of a shallow "well" on the back of the badge where the SmartShield® "chip" can be added at a later date. Please note that the "well" for a Ready and Compliant badge is to be part of the badge and is NOT to be a separate, applied piece.

The designated manufacturer must have the ability not only to produce SmartShield® ready and compliant badges but also be able to add the SmartShield® "chip" technology at any time the Department deems necessary.

Bidder shall provide installation of the SmartShield® chip, delivery of the software, and any training to the State required for successful activation and implementation within 25 calendar days after receipt of order (ARO).

General:

Fabrication of the badges shall be by the drop hammer and hydraulic press stamp process, struck with the necessary blows to ensure maximum detail. All badges are to be cut down, all burrs are to be removed and the badge is to be entirely suitable for the purpose intended. Castings will not be allowed.

Packaging:

Badges must be individually packaged in polybags.

Warranty:

All badges to be guaranteed to be free from defects of material and workmanship for the lifetime of the badge. This warranty is to include all pin and joint assemblies and tarnishing or peeling of enamel and clear coating.

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Attachment B Specifications LSP/DPS Badges Revised October 24, 2023 Title: Badges for LSP & DPS

Refinishing Guarantee:

The manufacturer is to guarantee the appearance and structure of each badge. Manufacturing defects, if any, are to be promptly corrected. All badges not overly worn or deemed beyond repair due to abuse are to be refinished at no additional charge to the State.

Security:

DPS Breast Badge, Front:



DPS Breast Badge, Back:



Attachment B Specifications LSP/DPS Badges Revised October 24, 2023

Item No. 5 DPS HAT BADGE

Model:

Blackinton Model B-1331

Size and Construction:

Height: Top to Bottom - 1.51" (38.4mm) +/-.015" (.381mm) Width: Side to Side - 1.2" (30.5mm) +/- .015" (.381mm)

Weight: .65oz (22grams)

Material: Badge to be die struck from 12 gauge (.080") (2.03mm) Blackinton Rho-Glo

material (CDA425) using pneumatic drop hammers and/or hydraulic presses.

Badges to be rhodium over hot nickel base.

Material 87 to 90% Copper; 1.5 to 3% Tin; .35% Max. Phosphorus; .05% Max. Iron; .05% Max.

Composition: Lead; Balance is Zinc

Design:

To be one piece die struck construction with a solid back. The center of the badge shall be a recessed circle, depth of .015 inch. Two panels above recessed center, one to accommodate rank designation (title) lettering and one to have lettering "Louisiana" in die. One panel below recessed center to have "D.P.S Police" in die with rosette design between the words. See attached images.

The recessed circle in center of badge will have the geographically shaped outline of the State of Louisiana. Within the geographical shape shall be the pelican in 1/4" circle with the lettering "UNION, JUSTICE, AND CONFIDENCE" in the outer rim around the pelican. This ½" circle shall have a blue hard fired French enamel background.

Panels to be hand filled with real hard-fired Cloisonné enamel which is then hand stoned flush with the metal.

Lettering:

The badge panels to be engraved per each order using a CNC rotary engraving machine.

Titles and lettering: "LOUISIANA D.P.S. POLICE", to be in block style letters aligned with and proportional to the raised panels.

The top panel to accommodate machined cut title letters. Lettering to be optically balanced. All lettering shall be block style and filled with hard fired French enamel and stoned flush to the level of the surrounding metal of the panels.

The rank designations are to include: Officer, Sergeant, Lieutenant, Captain, Major, and any other specialty rank as requested.

Title: Badges for LSP & DPS

Attachment:

Badges are to be fitted with an F105 Screw Back consisting of B.A. Ballou findings (1/2" screw post – #022736 nut - #011800 and retention pin - #023601).

The screw attachment is to be hard soldered to the back of the badge using "fusion" CFW-4774-804 Silver solder (63% silver). This process is to take place on a belt driven furnace.

Finish:

Back of the badge to be given a satin finish and the front of the badge to be polished to remove any imperfections and then glossed to a brilliant luster.

Badge to be cleaned to remove any and all residue. The badge is to be strung up and electroplated with 100 micro inches of Nickel followed by 1-2 micro inches of Rhodium.

A custom seal is to be chemically bonded to the face of the badge.

General:

Fabrication of the badges shall be by the drop hammer and hydraulic press stamp process, struck with the necessary blows to ensure maximum detail. All badges are to be cut down, all burrs are to be removed and the badge is to be entirely suitable for the purpose intended. Castings will not be allowed.

Packaging:

Badges must be individually packaged in polybags.

Warranty:

All badges to be guaranteed to be free from defects of material and workmanship for the lifetime of the badge. This warranty is to include all pin and joint assemblies and tarnishing or peeling of enamel and clear coating.

Refinishing Guarantee:

The manufacturer is to guarantee the appearance and structure of each badge. Manufacturing defects, if any, are to be promptly corrected. All badges not overly worn or deemed beyond repair due to abuse are to be refinished at no additional charge to the State.

Security:

DPS Hat Badge, Front:



DPS Hat Badge, Back:



Attachment B Specifications LSP/DPS Badges Revised October 24, 2023

Item No. 6 DPS POLICE WALLET BADGE

Model:

Blackinton Model# B-1324

Size and Construction:

Height: Top to Bottom - 1.66" (42.2mm) +/-.015" (.381mm) Width: Side to Side - 1.67" (42.4mm) +/- .015" (.381mm)

Weight: .78oz (22grams)

Material: Badge to be die struck from 12 gauge (.080") (2.03mm) Blackinton "Rho-Glo"

material (CDA425) using pneumatic drop hammers and/or hydraulic presses.

Material 87 to 90% Copper; 1.5 to 3% Tin; .35% Max. Phosphorus; .05% Max. Iron; .05% Max.

Composition: Lead; Balance is Zinc

Design:

To be one piece die struck construction with a solid back. Badge to be designed in the geographically shaped outline of the State of Louisiana. See attached images.

Raised top panel at upper part of the badge to be approximately 5/32" wide to bear titles of rank. Two ribbon panels below the seal in the lower portion of the badge to be approximately 5/32" width to bear the lettering: "LOUISIANA D.P.S. POLICE."

The center of the badge to be ½" full color replica of the Louisiana State Seal, the border of the seal to bear the lettering "STATE OF LOUISIANA" on a blue enamel background. The inner circle of the seal to be the Louisiana State Seal Showing the pelican in white enamel on a light blue enamel background, pelican sitting on a brown enamel nest.

Panels to be hand filled with real hard-fired Cloisonné enamel which is then hand stoned flush with the surrounding metals.

Lettering:

Badge panels to be engraved per each order using a CNC rotary engraving machine. All lettering to be engraved per the Department's request. Lettering style is to be block type on all panels. All engraved lettering is to be filled with blue hard-fired jewelers enamel and stoned flush to the level of the surrounding metals.

The rank designations are to include: Officer, Sergeant, Lieutenant, Captain, Major, and any other specialty rank as requested.

Attachment:

Wallet clips are to be Melcoed brand and are produced from 260 Brass 8 number hardness to ensure maximum tension. Clips to be soft soldered to ensure the tension remains throughout the manufacturing process.

Title: Badges for LSP & DPS

Attachment B Specifications LSP/DPS Badges Revised October 24, 2023

The clip to be approximately 3/8" wide and 1 ¼" long.

Finish:

Back of the badge to be given a satin finish and the front of the badge to be polished to remove any imperfections and to be glossed to a brilliant luster.

Badge to be cleaned to remove any and all residue. The badge is to be strung up and electroplated with 100 micro inches of Nickel followed by 1-2 micro inches of Rhodium.

A custom seal is to be chemically bonded to the face of the badge.

General:

Fabrication of the badges shall be by the drop hammer and hydraulic press stamp process, struck with the necessary blows to ensure maximum detail. All badges are to be cut down, all burrs are to be removed and the badge is to be entirely suitable for the purpose intended. Castings will not be allowed.

Packaging:

Badges must be individually packaged in polybags.

Warranty:

All badges to be guaranteed to be free from defects of material and workmanship for the lifetime of the badge. This warranty is to include all pin and joint assemblies and tarnishing or peeling of enamel and clear coating.

Refinishing Guarantee:

The manufacturer is to guarantee the appearance and structure of each badge. Manufacturing defects, if any, are to be promptly corrected. All badges not overly worn or deemed beyond repair due to abuse are to be refinished at no additional charge to the State.

Security:

DPS Wallet Badge, Front:



DPS Wallet Badge, Back:

