IDEA 43 Critical Fields Rules v06
Revision 06.0 October 2018

Forward
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Exemptions to Excellence
Please refer to the Data Certification Overview for an explanation of the impact of exempted fields on the data quality program. The 'Exempted' notation refers to mandatory population only. If the exempted fields are populated, then all Excellence rules are applied. SKUs that are not fully populated, regardless of the exemptions cited below, will not pass visual inspections in the data quality program. Once a manufacturer reaches 100% programmatic excellence they may request a quarterly visual review of the critical fields to confirm data consistency and quality. Refer to the last page of this document for a legend of the codes in the Exemptions column, and a table of all item status codes and stock indicator codes that are eligible for the data quality program

Data Field Number (NEMA #)	Field Name	Definitions	Compliance Rules	Excellence Rules (Programmatic Checks)	Data Quality Rules (Visual Checks)	Exemptions
Basic Data Fields						
5.235	ARRA Compliant	Is the product compliant with the United States Regulatory act for American Recovery and Reinvestment Act. Must contain: Y, N, X, U or C. Y=Yes N=No X=Not Applicable U=Unknown C=Contact Manufacturer	Must be populated. Must be a valid ARRA value: Y, N, X, U, C	No additional programmatic checks.	Must match the ARRA indication on the specification sheet, where provided.	None
6.120	Brand/Label	The recognizable name used by a brand owner to uniquely identify a line of trade item or services. This name is recognizable by the consumer.	Must be populated. Must not be less than 1 character or greater than 40 characters. Must not begin with a space. Must not contain any of these characters: | ~ ^	Must not contain any of these characters: ; [ ] { } ~ | % ! $ * ^ \ ? (removed comma and apostrophe) Must not contain 3 or more pound signs (#) in a row.	Must match the Brand on the specification sheet, where provided.	None
5.236	Buy American Compliant	Is the product compliant with the United States Regulatory Act for U.S. Federal Government procurement. Must contain: Y, N, X, U or C. Y=Yes N=No X=Not Applicable U=Unknown C=Contact Manufacturer	Must be populated. Must be a valid BAA value: Y, N, X, U, C	No additional programmatic checks.	Must match the BAA indication on the specification sheet, where provided.	None
6.120	Catalog Description	The Catalog Description (long description) is a 3,072 character field allowing the manufacturer to provide more descriptive information, as opposed to other fields that are more restrictive due to field length. This field is widely used for web storefronts and key word searches, and is not meant as a replacement for providing schema attributes but as an additional field of information. The long description can also include some of the same information that is in the invoice description. It can include some of the Attribute data, but only if it clearly identifies and explains what the product is and does. When building the long description, the same logic should be followed as the invoice description where the most important descriptors or attributes are first. Widely used acronyms are permissible (LED, HID) as well as unit of measure abbreviations (A, W, V, IN, FT, LB). Other abbreviations, such as BLK for black or GRND for grounding, should not be used. Features and benefits statements may be included, however if provided this information should be populated at the end and only if field length constraints permit. **Use of special characters & symbols (trademark, copyright, C3) may not yield results in the search engine.	Must be populated. Must not be greater than 3072 characters. Must not begin with a space. Must not contain any of these characters: | ~ ^	Must not include the Catalog Number. Must not equal the Invoice Description. Must not contain 3 or more pound signs (#) in a row. Must be unique for this IDW account. Must not contain any of these characters: ; [ ] { } ~ | % ! $ * ^ \ ?	All Description fields: Must match the image. Must match the attribute values. Must meet IDEA Catalog Descriptive Field v06 guidelines.	None
5.100	Catalog Number	Seller's catalog number. [Refer to the IDEA Product Catalog & Descriptive Field Guidelines for more details.]	Must be populated. Must be at least 1 character and not greater than 48 characters. This subscriber can only use this Catalog Number for one item, unless the Status for the other item(s) is C and this item's Status is NOT C or vice versa; or unless the status of the other item(s) is D and the Item Status Date is 48 months old or older. Must not begin with a space. Must not be the same as Alternate Catalog Number (5.103). Must not change.	Only letters, numbers, forward slashes, hyphens, periods, single quotes, plus signs, and double quotes are allowed. Space is not a valid character in the catalog number field. Must not be of scientific notation format. Must not be a leading single quote or surrounding double quotes. Catalog number must be unique within each IDW account.	Catalog number must appear on specification sheet.	None
5.230	Country of Origin	Accepts both 2 and 3 digit codes from ISO 3166. Country of origin where product was produced/manufactured/assembled, related to the "Tariff Act" for importing/exporting product as it relates to the International Harmonization Code and applicable duties and taxes. Refer to ISO 3166 document for the country codes that can be used. Must contain valid ISO Country Code or UKN – Unknown or MUL – Multiple Countries	Must be populated. Must be a valid Country Code or 'UKN' (Unknown) or 'MUL' (Multiple Countries).	Must be updated by the manufacturer, will no longer default to 'USA' by the IDW.	Must match the Country of Origin on the specification sheet, where provided.	None

Data Field Number (NEMA #)	Field Name	Definitions	Compliance Rules	Excellence Rules (Programmatic Checks)	Data Quality Rules (Visual Checks)	Exemptions
6.120	Invoice Description	Description that would be printed on an invoice (40 characters max).	Must be populated. Must not be less than 1 character or greater than 3072 characters. Must not begin with a space. Must not contain catalog number. Must not be equal to catalog number. **Should not be greater than 40-characters**. Must not contain any of these characters: | ~ ^	Must not include the Catalog Number. Must not be equal to the Catalog Number. Must not be greater than 40 characters. Must not contain 3 or more pound signs (#) in a row. Must be unique for this IDW account (The Invoice Description will only be compared to items with Item Status codes: A, M, P, O, J, K) Must not contain any of these characters: ; [ ] { } ~ | % ! $ * ^ \ ?	All Description fields: Must match the image. Must match the attribute values. Must meet IDEA IDW Catalog Descriptive Field v06 guidelines.	None
5.105	Item Status	The current status of this item. IDEA IDW status codes identify the stages of product life cycle; Refer to the IDEA IDW Product Change Management white paper for more details on the Item Status codes that identify various states of an item, the conditions around that state, and the status codes for each state.	Must be populated. Must be a valid Item Status code. If existing Item Status is C, must not update. If existing Item Status is W, must not update. Cannot add a NEW item with a status code of C or W. Cannot delete an item with an Active item status.	Non-price Maintained Item (Status code K) cannot have prices. If the Catalog Description or Invoice Description starts with "OBS", ends with "OBS" or contains "OBSOLETE" or "OBS", the item status must be 'O' or 'P' or 'D'.	Must match the Item Status on the specification sheet, where provided.	None
5.285	~~Material~~ Safety Data Sheet (SDS) Flag	Flag to indicate whether the product has an SDS sheet applicable ("Y" or "N").	Must be populated. Must be equal to Y or N.	No additional programmatic checks.	Must match the SDS designation on the specification sheet, where provided.	None
5.420	Order Minimum Imperial	Absolute minimum order value/quantity. Imperial	Must be populated. Must be an integer. (Quantity values only. Not applicable for monetary values.) If provided, must be between 1 and 99999999999 Order Minimum Qualifier and Order Minimum UOM must also be provided.	Must be a multiple of Order Multiple quantity.	Must be consistent with the product type. Generally the same as the carton quantity, unless the manufacturer will ship less than carton quantity.	None
5.430	Order Minimum UOM Imperial	Unit of measure identifying the minimum order value/quantity. If the value is associated to an item quantity then a quantity unit of measure will be provided. If the value is associated to an item monetary value, then a 'V' will appear in place of the unit of measure.	Must be populated. Must be a valid UOM. Order Minimum must also be provided.	Must be the same as Order Multiple UOM.	Must be consistent and logical for the product. For example, conduit fittings should not have a UOM of RL (reel).	None
5.440	Order Multiple Imperial	Must be ordered in this multiple.	Must be populated. Must be an integer. If provided, must be between 1 and 99999999999. Order Minimum Qualifier and Order Multiple UOM must also be provided.	No additional programmatic checks.	Must be consistent with the product type. Generally the same as the carton quantity, unless the manufacturer will ship less than carton quantity.	None
5.450	Order Multiple UOM Imperial	Unit of measure identifying the order multiple.	Must be populated. Must be a valid UOM. Order Multiple must also be provided.	No additional programmatic checks.	Must be consistent and logical for the product. For example, conduit fittings should not have a UOM of RL (reel).	None
5.710	RoHS Indicator	Indicates the certification status of a product to meet the Restrictions on Hazardous Substances (RoHS) regulations.	Must be populated. Must be a valid RoHS value: Y, N, X, U, C	No additional programmatic checks.	Must match the RoHS designation on the specification sheet, where provided.	None
5.300	Stock Indicator Code	A "Stock" item is an item that is considered stocked and/or published, or available to order or purchase that does not require product or packaging configuration and is not produced to meet a customer's unique specifications. A "Quick-Ship" item is a "Stock" item that is always available to be shipped without delay. A "Non-Stock" item is an item that is not necessarily kept in inventory, and could have a longer lead-time. A "Configurable" item is an item that is built from readily available products to match the customers specifications and may become a regularly ordered product. A "Made-to-Order" item is an item that is custom built to meet a customer's unique specification.	Must be populated. Must be a valid Stock Indicator Code: S=Stock Q=Quick-Ship N=Non-Stock C=Configurable M=Made-to-Order	Must be updated by the manufacturer, will no longer default to Stock [S] by the IDW.	Must match the stock indicator code on the specification sheet, where provided.	None
5.110 / 5.115	U.P.C. (1-5-5-1)	U.P.C. (1-5-5-1). This number is the U.P.C. for the consumer unit. Note: The IDW standard requires the inclusion of the check digit as defined by the Uniform Code Council (UCC) now called GS1. The U.P.C. is one format type of the Global Trade Identification Number (GTIN).	Either UPC or EAN must be populated. Must be 12 digits (UPC). Must be 13 digits (EAN). If check digit provided, must be valid per EAN.UCC MOD10 algorithm. Must be unique for this subscriber, i.e. this subscriber can only use this UPC or EAN for one item.	Must be a number (leading zeros are allowed).	Must match UPC on specification sheet, where provided. No additional visual checks.	None

Data Field Number (NEMA #)	Field Name	Definitions	Compliance Rules	Excellence Rules (Programmatic Checks)	Data Quality Rules (Visual Checks)	Exemptions
5.320	UNSPSC	The UNSPSC is an 8 digit code made up of four 2-digit pairs as follows: Segment: Aggregated for analytical purposes. Family: A group of commonly recognized interrelated commodities. Class: A group of commodities sharing a common use or function. Commodity(referred to as Category Code in Electrical Industry): A group of substitutable products or services. (Segment/Family/Class/Commodity).	Must be populated. Must be a valid UNSPSC (see the last page of this document for details) Must be at least a Category Level code (cannot end in 00). If blank, there must exist a cross-reference by Class/Sub-class. UNSPSC in Class/Sub-class in cross-reference must be valid. If blank, existing UNSPSC in IDW must be valid. Must not change if Product Attributes have been loaded.	No additional programmatic checks.	Must match the UNSPSC on the specification sheet, where provided. Must be consistent with product image and descriptions. For example, an accessory to a weatherproof enclosure, such as a back panel, cannot be categorized as a weatherproof enclosure. The code must indicate what the product is, not where it is used.	None
Pricing Fields						
8.200	Price Effective Date	Date price of item goes into effect. Can be different from Price Sheet Effective Date.	Must be populated. Must be a valid date: in format 'CCYYMMDD'.	A future date must not be more than 2 years ahead of current system date. Price Effective Date must be greater than or equal to Price Sheet Effective Date.	No additional visual checks. If not populated, item will not pass visual check.	This field is exempt for J status items for Compliance and Excellence, required for Data Quality. This field **cannot** be populated for K status items.
8.135	Price Sheet Description	Description of the price sheet.	Must be populated. Must not be less than 1 character or greater than 80 characters. Must not begin with a space.	No additional programmatic checks.	No additional visual checks. If not populated, item will not pass visual check.	This field is exempt for J status items for Compliance and Excellence, required for Data Quality. This field **cannot** be populated for K status items.
8.112	Price Sheet Effective Date	Date that the current price sheet goes into effect.	Must be populated. Must be a valid date: in format 'CCYYMMDD'.	A future date must not be more than 2 years ahead of current system date.	No additional visual checks. If not populated, item will not pass visual check.	This field is exempt for J status items for Compliance and Excellence, required for Data Quality. This field **cannot** be populated for K status items.
8.100	Price Sheet Number	Price sheet number/name.	Must be populated. Must not be less than 1 character or greater than 15 characters. Must not begin with a space. Must be a valid Price Sheet Number. Must not be TSC. Price Sheet Number and Pricing Zone Code must be a valid pair. Price Sheet must not be Expired.	No additional programmatic checks.	No additional visual checks. If not populated, item will not pass visual check.	This field is exempt for J status items for Compliance and Excellence, required for Data Quality. This field **cannot** be populated for K status items.
8.300.30	Price UOM	Unit of measure for price.	Must be populated for each output price column. Must be a valid Price UOM. Must be the same for all prices grouped by Manufacturer, Price Sheet Number, Pricing Zone Code, and Item.	No additional programmatic checks.	Must be consistent across provided price columns. If not populated, item will not pass visual check.	This field is exempt for J status items for Compliance and Excellence, required for Data Quality. This field **cannot** be populated for K status items.
8.300.25	Output Price Column - L Suggested List Price	Suggested List Price.	Must be populated. Must be a number. Must be between .000001 and 9999999999.99999	Must be a List price for every item in every price sheet.	Must be consistent across provided price columns. If not populated, item will not pass visual check.	This field is exempt for J status items for Compliance and Excellence, required for Data Quality. This field **cannot** be populated for K status items.
8.300.25	Output Price Column - T3 Trade Price Column 3	Suggested resale Trade Price (column 3).	Must be populated. Must be a number. Must be between .000001 and 9999999999.99999 If a price break, price must decrease as Price Break Column Number increases. Within an item price line, a Trade Column 3 price must be greater than or equal to Column C (Cost) price.	Must be a Trade Column-3 price for every item in every price sheet.	Must be consistent across provided price columns. If not populated, item will not pass visual check.	This field is exempt for J status items for Compliance and Excellence, required for Data Quality. This field **cannot** be populated for K status items.
Packaging Fields						
7.120	Number of Sub Packs	The number of pieces or packs in this container. Use this field as often as needed to describe the full packaging hierarchy. E.g. Each, case, carton, pallet.	Must be populated Must be an integer. Must be between 1 and 999999. Lowest Level UOM must also be provided.	Values for individual item level package Number of Sub-Packs and Total Units must be one (1).	Must be consistent across provided pack levels. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.

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Data Field Number (NEMA #)	Field Name	Definitions	Compliance Rules	Excellence Rules (Programmatic Checks)	Data Quality Rules (Visual Checks)	Exemptions
7.150	Gross Weight per Pack **Imperial**	Weight per pack described.	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a number. Must be between 0.001 and 99999999. Gross Weight UOM must also be provided.	Each Package GTIN must comply with this formula: (EA weight)*(sub-pack qty) <= gross weight. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent across provided pack levels. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.160	Gross Weight UOM **Imperial**	Unit of measure for gross weight. (G = Grams; K = Kilograms; L = Pounds; O = Ounces)	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a valid Gross Weight UOM. Gross Weight per Pack must also be provided.	No additional programmatic checks. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent and logical for the item. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.110	Package GTIN	This is the GTIN for the item in a specific lowest level package configuration. Should be the each or piece level. Use this field as often as needed to describe the full packaging hierarchy. E.g. Each, case, carton, pallet.	Must be populated. Must be a number (leading zeros are allowed). Must be 14 digits. Must have a valid check digit per EAN.UCC MOD10 algorithm. Must be unique for this subscriber, i.e. this subscriber can only use this GTIN for one package.	No additional programmatic checks. Must be one and only one G55 (individual item) packaging level per item.	No additional visual checks. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.210	Height **Imperial**	Height of package.	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a number. Must be between 0.0001 and 999999.99. Height UOM must also be provided.	No additional programmatic checks. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent across provided pack levels. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.215	Height UOM **Imperial**	Unit of measure for height.	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a valid UOM. Height must also be provided.	No additional programmatic checks. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent and logical for the item. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.140	Lowest Level UOM **Imperial**	Use this field as often as needed to describe the full packaging hierarchy. E.g. Each, case, carton, pallet.	Must be populated. Must be a valid UOM.	Must be the same for all package levels within each hierarchy. Must be the same as the Order Minimum UOM. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent and logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.190	Length **Imperial**	Length of package.	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a number. Must be between 0.0001 and 999999.99. Length UOM must also be provided.	No additional programmatic checks. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent and logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.195	Length UOM **Imperial**	Unit of measure for length.	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a valid UOM. Length must also be provided.	No additional programmatic checks. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent and logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.100	Pack Description	Text description of the package.	Must be populated. Must not be less than 1 character or greater than 20 characters. Must not begin with a space.	No additional programmatic checks.	Must be logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.105	Pack ~~UOM~~ Type	The unit of measure code associated with this package type. E.G., EA = each, BX = box, CA = case, etc.	Must be populated. Must be a valid UOM.	At the individual item level (Based on G55) Pack UOM must be the same as the Lowest Level UOM. Must be unique in each packaging hierarchy.	Must be consistent and logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.125	Sub-Package GTIN	This is the GTIN of the **next level** within the packaging hierarchy. May be inner pack or carton. Use this field as often as needed to describe the full packaging hierarchy. E.g. Each, case, carton, pallet.	Must be populated. Must be a number (leading zeros are allowed). Must be 14 digits. Must have a valid check digit per EAN.UCC MOD10 algorithm. Must be unique for this subscriber, i.e. this subscriber can only use this GTIN for one package.	If at the individual item level, the Sub-Package GTIN and Package GTIN must be equal. If not at the individual item level, the Sub-Package GTIN and Package GTIN must **not** be equal. Must be equal to a valid Packaging GTIN at a lower level package. All Sub-Package GTINs must also be a valid Package GTIN.	Must be logical for the product. If not populated, item will not pass visual check. A multi-level packaging hierarchy is expected (ex: EA - Inner-pack - Carton - Pallet) if the spec sheet indicates a carton quantity and/or the minimum order quantity is > 1.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.

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Data Field Number (NEMA #)	Field Name	Definitions	Compliance Rules	Excellence Rules (Programmatic Checks)	Data Quality Rules (Visual Checks)	Exemptions
7.130	Total Units Imperial	The total number of pieces or packs in this container. Use this field as often as needed to describe the full packaging hierarchy. E.g. Each, case, carton, pallet.	Must be populated Must be an integer. Must be between 1 and 99999999. Lowest Level UOM must also be provided.	Each upper level Package GTIN must comply with this formula: (sub-pack total units) * (sub-pack qty) = total units.	Must be consistent and logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.200	Width Imperial	Width of package.	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a number. Must be between 0.0001 and 999999.99. Width UOM must also be provided.	No additional programmatic checks. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent and logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
7.205	Width UOM Imperial	Unit of measure for width.	Must be populated on 'pack' level record (G39 qualifier). Not required on 'each' level record (G55 record). Must be a valid UOM. Width must also be provided.	No additional programmatic checks. If weights and dimensions are NOT provided on the 'each' level (G55), then a full 'pack' level (G39) record must exist.	Must be consistent and logical for the product. If not populated, item will not pass visual check.	This field is exempt for stock status indicator 'N' items for Compliance and Excellence, required for Data Quality.
Digital Media Fields						
6.120	MSDS URL	Link to product's MSDS documentation.	If MSDS Flag is "Y", must be populated. Must start with http:// - or- https:// Must not end with .jpg, .jpeg, .gif, .tif Must not be less than 1 characters or greater than 480 characters. Must not begin with a space. Must not contain any of these characters: ~ | ^	Must begin with http:// or https:// An item with a MSDS URL must also have a MSDS Flag value of "Y". An item with a MSDS Flag value of "N" may not have a MSDS URL. Must not use Unsafe Characters: space " < > # { } | \ ^ ~ [ ] ` If % is used, it must be followed by 2-digit hexadecimal number.	Must point to a .pdf document.	
6.120	Image URL	A digital image of a product should be a minimum of 500x500 pixels, maximum 1500x1500 pixels, with a resolution of 72-300 dpi, with an accepted file type.	Must be populated. Must start with http:// - or- https:// Must not end in .pdf Must not be less than 1 character or greater than 480 characters. Must not begin with a space. Must not contain any of these characters: | ~ ^	Must begin with http:// or https://. If Text Type is NEURPIC, must NOT end with: ".tif" or ".tiff" Must not use Unsafe Characters: space " < > # { } | \ ^ ~ [ ] ` If % is used, it must be followed by 2-digit hexadecimal number.	Must be an image, not a web page. Must not be a broken link. Must not be an image placeholder, such as 'Image not available'. If representative or family image, flag must be populated with appropriate code (F or R). Must meet suggested image guidelines published in the most current version of the IDEA Digital Marketing Guidelines. If not populated, item will not pass visual check.	This field is exempt for item status J and/or stock indicator N items for Compliance and Excellence, required for Certification.
6.120	Specification Sheet URL	A Specification Sheet (spec sheet) is a document that summarizes the performance and other technical characteristics of the product. A spec sheet should be 1-3 pages in length.	Must be populated. Must start with http:// - or- https:// Must not end with .jpg, .jpeg, .gif, or .tif Must not be less than 1 character or greater than 480 characters. Must not begin with a space. Must not contain any of these characters: | ~ ^	Must begin with http:// or https:// If Text Type is NEURSPE, must NOT end with: ".aspx" or ".ashx" Must not use Unsafe Characters: space " < > # { } | \ ^ ~ [ ] ` If % is used, it must be followed by 2-digit hexadecimal number.	Must not be a broken link. Must link to a .pdf. Catalog number must appear on the document. Document must open in new window, not download to the user's computer. Must meet the suggested document guidelines published in the most current version of the IDEA Digital Marketing Content Guidelines. If not populated, item will not pass visual check.	This field is exempt for item status J and/or stock indicator N items for Compliance and Excellence, required for Certification.
Attributes						
10.12	Product Attribute Name and Value	Product Attribute Set as identified in the UNSPSC-based IDEA Classification Attribute Standard (Attribute Label, Value and UOM. Delivery method: XML or Flat File. Example: Color, Black ; Voltage Rating, 200, V (Volt); Length, 12, IN (Inch) Note: Length, Width, Height in Attribute Schema relates to actual product dimension, which differs from IDW measurement fields that refer to the package dimensions.	B1 view must be loaded successfully before Product Attribute information can be loaded. Must be populated. UNSPSC code must exist in the most current version of the CAS. If defined, all critical Product Attributes must be populated. If no critical product attributes are defined, at least five product attributes or 30% of those defined for the category, which ever is less, must be populated. If provided, attribute UOM must not be greater than 10 characters. Attribute value must not begin with a space. Attribute value must not contain any of these characters: | ~ ^	When defined, 100% of an item's critical product attribute value fields (based on its UNSPSC and the CAS) must be populated. UNSPSC value for the Item must match the UNSPSC for the Attribute Value. Brand Name must be populated. Brand Name attribute must match Brand/Label text field 6.120 (case sensitive). NOTE: rules on Brand Name population remain in effect until all manufacturer data has been migration to IDEA's new data synchronization platform.	UNSPSC must be correct for the item. Attribute values must match the item description and the image. Where non-CAS attributes exist, a corresponding CAS attribute must not be available. Attribute value **cannot be** 'N/A' or 'Not applicable'. Use 'Does not apply' If not populated, item will not pass visual check.	This field is exempt for item status J and/or stock indicator N items for Compliance and Excellence, required for Certification.

See the next page for additional notes on compliance; a legend for the codes in the Exemptions column; and a grid of the eligibility status of all stock indicator codes and item status codes

Data Field Number (NEMA #)	Field Name	Definitions	Compliance Rules	Excellence Rules (Programmatic Checks)	Data Quality Rules (Visual Checks)	Exemptions

Stock Indicator / Item Status Codes Eligible for Compliance and Excellence

Item status codes		Stock Indicator Codes				
		S	Q	N *	C	M
		Stock	Quick-Ship	Non-Stock	Configurable	Made to Order
A	Active Item	Y	Y	Y	N	N
J *	Replacement / Repair Part	Y	Y	Y	N	N
K†	Non-price Maintained Item	Y	Y	Y	N	N
M	Mature Item	Y	Y	Y	N	N
P	Planned Obsolescence	Y	Y	Y	N	N
R	Replacement GTIN - new GTIN	Y	Y	Y	N	N
T	Item Alert – Temp Unavailable	Y	Y	Y	N	N
C	Change GTIN - old GTIN	N	N	N	N	N
D	Delete Item	N	N	N	N	N
I	Introductory Item	N	N	N	N	N
O	Obsolete Item	N	N	N	N	N
W	Withdrawn from IDW	N	N	N	N	N

Validation of the UNSPSC code fields – item level vs. attribute level

The UNSPSC code field (NEMA # 5.320) assigned to an item via the B1 data load structures must be a valid UNSPSC code from the current IDW validation tables, which include:

- the UNSPSC code set version that the most current IDEA Classification Attribute Standard (CAS) is based on (See CAS for the UNSPSC version number)
- the two previous versions of the UNSPSC code set (two releases prior to the one the most current CAS is based on)
- any new UNSPSC code set released and added to the IDW validation tables but not yet implemented in the CAS

Manufacturers are required to populate valid CAS product attributes (NEMA # 10.120) for each item eligible for data certification. The CAS Attribute data load structures (B8) must include a UNSPSC code from the most current CAS (see the first bullet above) in order to pass data compliance rules. Any other UNSPSC code from the IDW validation tables used on the B8 data load will result in a non-compliant SKU with non-standard attributes.

Refer to the Product Attribute Standard for additional information on field level data validation.

Exemptions

Legend: J = Repair/Replacement Parts   K = Non-Price Maintained   N = Non-stock Items

* Items with status J and/or stock indicator code N may be eligible for data quality review if all fields are populated and are programmatically excellent.

† Items with status K and/or stock indicator code N may be eligible for data quality review if all fields, except for pricing, are populated and are programmatically excellent.