



Wichita State University Libraries

Compendex / INSPEC via EV2

Compendex— is an interdisciplinary engineering database referencing 5,000 engineering journals and conference materials dating from 1969.

INSPEC—is produced by IET, Institution of Engineering and Technology, (formerly IEE, Institution of Electrical Engineers), and indexes journal articles, conference papers, technical reports, books/book chapters, product reviews, and dissertations in physics (including applied physics), electrical engineering, electronics, communications, control engineering, computer science, and information technology from 1969 to the present.

Accessing EV2—both Compendex and INSPEC are available through Ei's Engineering Village 2 (EV2). They may be accessed either on campus or remotely from the list of Databases on the Library's homepage <http://library.wichita.edu/>. Select *Electronic Databases* for a full listing of the Library's databases by subject or title. When prompted, enter your *myWSU ID* and *Password*.

Quick Search—is designed for basic search results on broad topics. For more search options and greater flexibility in creating search statements use the Expert Search. Compendex and INSPEC may be searched separately or simultaneously from any of these searches.

The screenshot shows the 'Quick Search' interface. At the top, there are navigation tabs: 'Easy Search', 'Quick Search', 'Expert Search', 'Thesaurus', 'eBook Search', 'Ask an Expert', and 'Help'. Below the tabs, there is a 'SELECT DATABASE' section with radio buttons for 'All', 'Compendex', and 'Inspec'. The 'SEARCH FOR' section has a text input field containing 'CLED' and three 'AND' operators with dropdown menus. The 'SEARCH IN' section has three dropdown menus, all set to 'All fields'. The 'LIMIT BY' section includes dropdown menus for 'All document types', 'All treatment types', 'Discipline type not available', and 'All languages'. The 'SORT BY' section has radio buttons for 'Relevance' and 'Publication year', and a checkbox for 'Autostemming off'. At the bottom, there are 'Search' and 'Reset' buttons.

Enter search terms or phrases in the textbox marked **Search For**.

In Quick Search, terms are automatically **stemmed**. This feature can be disabled by clicking in the box *Autostemming Off*.

Example: typing *manager* retrieves records with the same stem: *manage*, *management*, *managerial*, *managers*, etc.

Truncation—Use an asterisk "*" to locate terms with alternate endings.

Example: typing *manager** retrieves *managers* and *managerial*, but NOT *management*.

When doing a keyword or subject search leave the **Search In:** menu at the default setting of *All Fields*. Other options include *Author* and *Serial Title*. Hint: For greater accuracy when doing an author or serial title search use Controlled Term Index (See instructions below).

- Boolean Operators**—Use the pull-down menus at the left of the screen to select an operator. *And*, *or*, *not* may be used to connect words and phrases.
- Limit Search**—by selecting a document type, language or date range from the pull-down menus under **Limit By**.

- **Sort Results By**—allows you to choose between relevance ranking, or by publication date which will sort results in descending date order with the items most recently added to the database being at the top.
- Click on the *Search* button or hit the *return* key when all of your search criteria have been entered.

Expert Search—allows for more precise searching by allowing the user greater flexibility in creating search strings.

The screenshot shows the 'Expert Search' tab selected. The 'SELECT DATABASE:' section has 'Compendex', 'Inspec', and 'NTIS' checked. The search box contains the query: ((seatbelt* OR(seat belt*)) wn TI and overload wn AB). The 'SEARCH FROM' section shows '1884' to '2006' and '1' updates. The 'SORT BY' section has 'Relevance' selected. A 'Browse Indexes' list is on the right. At the bottom is a 'Search Codes' table.

Field	Code	Field	Code	Field	Code
All fields (C, I, N)	All	Conference information (C, I)	CF	Monitoring agency (N)	AG
Abstract (C, I, N)	AB	Contract number (N)	CT	Notes (N)	NT
Accession number (C, I, N)	AN	Controlled term (C, I, N)	CV	Numerical indexing (I)	NI
Assignee (C)	PF	Country of application (C)	PU	Patent issue date (C, I, N)	PI
Astronomical indexing (I)	AI	Country of origin (N)	CO	Patent number (C)	PM
Author (C, I, N)	AU	Discipline (I)	DI	Publisher (C, I)	PN
Author affiliation (C, I, N)	AF	Document type (C, I, N)	DT	Report number (N)	RN
Availability (N)	AV	Filing date (C, N)	PA	Serial title (C, I)	ST
Chemical indexing (I)	CI	ISSN (C, I)	BN	Subject/Title/Abstract (C, I, N)	KY
Classification code (C, I, N)	CL	Language (C, I, N)	SN	Title (C, I, N)	TI
Original classification code (I)	OC	Material identity number (I)	MI	Treatment type (C, I)	TR
CODEN (C, I)	CN			Uncontrolled term (C, I, N)	FL
Conference code (C)	CC				

Truncation—There are two options for truncating terms:

1. Use the **asterisk *** as a wildcard at the end of a word to search for all variant endings.

Example: *optic**--results include *optic*, *optics*, *optical*, etc.

2. Autostemming is available just as in the Quick Search.

Type in **Boolean operators** (*and*, *or*, *not*). Use () to nest terms just as you would in constructing a math formula.

Example: (*composite* or polymer**) and *fracture*—Results will include articles that discuss *composites*, *polymers*, or *composites and polymers*. All records will include the term *fracture*.

- **Proximity operators**—Use *near* between terms to indicate that the two terms need to be located close to each other in the record.

Example: *Fiber near composites*—Results will include items in which the terms *fiber* and *composites* will only be separated by a few words, which in most cases will indicate a relationship between the two terms (i.e., fiber reinforced composites).

- **Fielded Search**—Search for terms/phrases in a specific field by using WN (within) as an operator with one of the fields listed on the bottom of the screen. *Hint: When attempting to narrow large result sets, searching for at least one of the key terms in the title field can sometimes be useful (Example: jit WN TI—results will include only those with JIT in the title of the article).*

- **Indexes**—a variety of indexes are available in each database and are available on the right side of the screen. See the instructions under **Index of Terms** below for using these indexes.

- **Search From**—Select the range of years to search from the pull-down menus. *EV2 allows searching the entire range of years at one time.*

- **Sort Results By**—Selecting *Relevance* will display the results that most accurately match the selected search criteria at the top of the list. Selecting *Publication date* will display the most current items at the top of the list.

Thesaurus Search—

The thesauri are guides to the controlled vocabulary used in indexing articles for Compendex and INSPEC. Indexers choose terms from the controlled vocabulary to describe the article they are indexing. The controlled vocabulary is used to standardize the way the articles are indexed. The thesauri are hierarchical in nature. Terms are organized by broader, narrower or related concepts.

- After searching for a term the results screen will display *Related Terms and Narrower Terms* that may be selected to search.
- These terms can then be combined in the Search Box using either *And* or *OR*.
- Each term may be searched in the Thesaurus by clicking on the actual word/phrase.
- Clicking on the “I” will give the scope note for the entry.

Selecting Results-

- Individual results may be selected by clicking in the box to the left of the record.
- These *selected records* may be *Printed, e-mailed, saved to a folder, or downloaded*.
- Results may be narrowed by using the *Refine Results* frame to the right. Different fields will be displayed with the number of “hits” for that term within this results list.

Example: *Nakamura, K. has written 9 of the articles in these results. By selecting that name and clicking on “include” our results will include only those 9 articles authored by Nakamura that include the two terms that were used in our search.*

- Viewing the **Abstract** gives more detail about the article and will allow you to link to the **WSU Libraries Online Catalog**.

Locating Documents-

Engineering Village

Search History - Selected Records - My Profile - My Alerts [End Session](#)

Easy Search Quick Search Expert Search Thesaurus eBook Search Ask an Expert Help

Search Results New Search Next Page

Abstract - Detailed [Blog This](#) [E-Mail](#) [Print](#) [Download](#) [Save to Folder](#)

Record 1 from Compendex for: ((production inventory management) WN All fields), 1969-2007

Check record to add to Selected Records

1. **Production and inventory management in Taiwan: The case of auto body parts manufacturers**
[Iman, R.A.](#) (College of Administration Business, Louisiana Tech University); [Eiert, K.](#) Source: *Production and Inventory Management Journal*, v 42, n 2, Second Quarter, 2001, p 28-35
 ISSN: 0897-8336 CODE: PIME8
 Publisher: American Production and Inventory Control Society

Abstract: This article provides some insight into the production and inventory management methods used by aftermarket auto body parts manufacturers in Taiwan, Republic of China. The information about these manufacturers was gathered during a two-week period of observation by the authors. The Taiwan Auto Body Parts Association invited the authors to tour a number of its members' facilities. From January 24 to February 6, 1999, a total of 11 facilities located at various points throughout the island were visited. The facilities had different product mixes and were in various stages of technical development. According to Hung and Whittington [7], new understandings of East Asian economies have stressed contrasts with Western models of business organization. In light of that observation, a review of production and inventory management techniques used in this area should prove interesting, informative, and instructional to both practitioners and academicians. We will begin by briefly discussing Taiwan and Taiwanese manufacturing. The introduction of aftermarket parts and their certification process will follow. Finally, we will discuss the state of Taiwanese aftermarket auto body parts manufacturing from a production and inventory management perspective.

El controlled terms: [Industrial management](#) - [Inventory control](#) - [Automobile manufacturers](#) - [Automobile bodies](#) - [Production control](#) - [Economic and social effects](#) - [Engineering education](#) - [Reverse engineering](#) - [Standards](#) - [Enterprise resource planning](#) - [Statistical process control](#) - [Quality assurance](#) - [Developing countries](#)

Classification Code: [912.2 Management](#) - [911.3 Inventory Control](#) - [662.1 Automobiles](#) - [662.4 Automobile & Smaller Vehicle Components](#) - [913.2 Production Control](#) - [911.2 Industrial Economics](#)

Database: Compendex

Full-text and Local Holdings Links
[Wichita State University](#)

Journal Articles-Tools for locating documents are available only from the abstract or detailed record. To find out if the Library subscribes to a journal click on the *Wichita State University* under **Full Text Options and Local Holdings Links**. A new window will open with the search results from the Online Catalog. If the message "Your search resulted in no hits..." appears in green, the library has never subscribed to the journal. If the library subscribes to the journal the full record for the journal will be displayed as seen below. Be sure to check that the library has the volume you need. Issues listed under "Recent Issues" will be located on the first floor in the current periodicals area. Issues listed under "Volumes Held" will be bound and located on the floor corresponding to the call number.

Title: Production and inventory management journal : the journal of the American Production and Inventory Control Society, Inc.

Other Title: P & IM journal <2nd quarter 1997->

Cover Title: P & IMJ <4th quarter 1995-2nd quarter 1997>

Spine Title: Production & inventory management journal <1st quarter 1999->

Published: Falls Church, VA : The Society, c1987-

Description: v. : ill. ; 28 cm.
 Vol. 20, no. 4 (4th quarter 1987)
 Ceased with v. 44.

Subject Headings: [Production management --Periodicals.](#)
[Inventory control --Periodicals.](#)

Notes: Place of publication varies.
 Latest issue consulted: Vol. 43, no. 3 & 4 (3rd & 4th quarters 2002).
 Publication suspended with: Vol. 43, no. 3 & 4 (3rd & 4th quarters 2002).
 ISSN: 0897-8336 0032-9843

Other Author(s), etc.: [American Production and Inventory Control Society.](#)

Continues in Part: [Production and inventory management \(Washington, D.C.\)](#)

Location: Ablah(A-LC on Floor3)(LD-QE on Floor2)(QH-ZA on LowerLevel)

Call Number: [per HD69.P7 P75](#)

Volumes Held: Incomplete holdings, not currently received
 v.28: no. 4 (1987)
 v.29 (1988)-v. 43 (2002)

Example: *The title listed to the left has a call number beginning with H. It will be located on the third floor (A-LC).*

Conference Proceedings- To find out if the Library has a conference proceeding do a title search in the *Online Catalog* using the name of the conference (often begins with "proceedings of..."). You can also do a *Keyword Search* using two or three terms from the conference title, acronym for conference title, or the sponsoring organization.

Example: *IEEE and "computational complexity"*

Items not available in the library may be requested through **Interlibrary Loan's ILLiad service** available at <http://library.wichita.edu/ill>